

SAFETY DATA SHEET



DATE ISSUED :	10/26/2018
MSDS REF. No :	CWD 7433

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: XL GRAYWASH

PRODUCT CODE: CWD 7433

PHYSICAL APPEARANCE: Fluid colored liquid with low odor

MANUFACTURER

Colt's Timeless Tattoos/Empire Inks
2065 American Drive, Suite C
Neenah, Wisconsin
(920) 666-8775

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

GHS CLASSIFICATION

Not classified.

SIGNAL WORD: Not a hazardous substance or preparation according to the Global Harmonized System (GHS).

HAZARD STATEMENT(S):

No known significant effects or critical effects.

PRECAUTIONARY STATEMENT(S):

Not applicable

OTHER HAZARDS:

Hazards not otherwise classified (HNOC).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Water	90% to 95%	7732-18-5
Carbon black PBk 7, CI 77266	0% to 5%	1333-86-4
Ethanol	0% to 5%	64-17-5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and thus require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

The exact % composition has been withheld as a trade secret.

4. FIRST AID MEASURES

EYES: Flush with water for 15 minutes. See a physician if irritation persists.

SKIN: Rinse skin with soap and water. See a physician if irritation persists.

INGESTION: No adverse health effects anticipated by this route during proper industrial handling. In the event of ingestion, increase intake of liquid in order to flush from body. If symptoms persist, call a physician.

INHALATION: Remove the victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm and seek medical attention immediately.

NOTES TO PHYSICIAN: Immediate medical attention is not required.

5. FIRE FIGHTING MEASURES

AUTOIGNITION TEMPERATURE: This product will not auto-ignite.

FLAMMABLE CLASS: Not flammable.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES: None required.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Dike and contain spillage then collect with non-combustible absorbent material (e.g., sand, earth, diatomaceous earth, vermiculite). Scoop up material and place into suitable container(s) for disposal according to local and federal regulations.

Prevent product from entering storm drains. If the product contaminates rivers and lakes or drains inform respective authorities.

ENVIRONMENTAL PRECAUTIONS

Avoid discharges into open waterways. If the product contaminates storm drains, rivers and lakes inform respective authorities.

Avoid discharge to soil. Contain spillage and collect discharge/spilled materials then place in container for disposal according to local and federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Keep containers closed when not in use.
For professional use only.
Keep out of reach from children.
Smoking, eating and drinking should be prohibited in the work area.

CONDITIONS FOR STORAGE INCLUDING ANY INCOMPATIBILITIES

Store in a dry, cool place, away from direct sunlight, sources of intense heat, or freezing temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS

Components	CAS No.	Limits
Carbon black PBk 7, CI 77266	1333-86-4	ACGIH TLV: 3.0 mg/m ³ TWA, inhalable OSHA PEL: 3.5 mg/m ³ TWA, inhalable
Ethanol	64-17-5	ACGIH TLV: 1000 ppm, 15 min. ; OSHA PEL: 1000 ppm, 8 hrs ; NIOSH REL: 1000 ppm, 10 hrs.

ENGINEERING CONTROLS: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

SKIN: Impervious gloves.

RESPIRATORY: Use NIOSH approved respirators when permissible exposure limits are exceeded.

WORK HYGIENIC PRACTICES:

Keep containers closed when not in use.
Wash hands before breaks and at the end of work day.

OTHER PROTECTIVE EQUIPMENT:

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
COLOR: Colored liquid
ODOR: Low odor
ODOR THRESHOLD: No data available
pH: Not available.
MELTING POINT(°F): Not available.
BOILING POINT(°F): 212.0 TO 449.0
FLASH POINT (°F): >200.0, TCC
LOWER EXPLOSION LIMIT(%): Not applicable
UPPER EXPLOSION LIMIT(%): Not applicable
VAPOR DENSITY: Heavier than air.
VAPOR PRESSURE, ESTIMATED(68°F): Not available
DENSITY (lbs/gal.): 8.2523
SOLIDS IN WT. %: 0.5937
EVAPORATION RATE: Not available
SOLUBILITY IN WATER: Miscible
VOC (grams/liter): 42.3868

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

INCOMPATIBLE MATERIALS: Strong acids, bases and oxidizing agents.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL EFFECTS

ACUTE TOXICITY: Not classified.

POTENTIAL HEALTH EFFECTS:

EYES: Causes mild eye irritation.

SKIN: No hazard during normal use.

SKIN ABSORPTION: No hazard during normal industrial use.

INGESTION: No hazard during normal industrial use.

INHALATION: No hazard during normal industrial use.

CARCINOGENICITY: IARC (International Agency for Research on Cancer) has classified carbon black as Group 2B; possibly carcinogenic to humans. Assessment on toxicity for carbon black; non-toxic after a single ingestion and/or skin contact, no deaths at the highest dose tested after short-term inhalation.

NTP: No

IARC: Yes

OSHA: No

MUTAGENICITY: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS:

No known significant effects or critical hazards.

PERSISTENCE AND DEGRADABILITY:

Biodegradability: No known significant effects or critical hazards.
Mobility in soil : No known significant effects or critical hazards.
Bioaccumulation: No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

EMPTY CONTAINER: Empty remaining contents. Dispose of as unused product as hazardous waste. Do not re-use empty containers. Do not burn nor use cutting tools on the empty containers.

RCRA/EPA WASTE INFORMATION: Obey all local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

SHIPPING NAME: Not regulated

SHIPPING DESCRIPTION: Not regulated

IMDG: Not regulated

IATA: Not regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

Section 302/304 : No chemicals subject to the reporting requirements of SARA Title III, Section 302.

Section 311/312 : None

Section 313 : The product does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

TSCA INVENTORY: All components are listed or exempted.

CERCLA INFORMATION : This material does not contain any components with a CERCLA RQ.

CA PROPOSITION 65 :

WARNING: This product can expose you to chemical(s) including [Carbon black] which is known to the State of California to cause cancer.

STATE RTK:

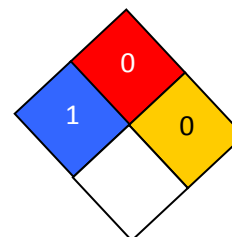
NJ, PA, MA

Carbon black CAS# 1333-86-4

16. OTHER INFORMATION

HMIS RATING	
Health :	1
Flammability :	0
Reactivity :	0
Personal Protection :	B

NFPA CODES



DISCLAIMER : THE INFORMATION OR RECOMMENDATIONS CONTAINED HEREIN ARE BASED ON INFORMATION OBTAINED FROM SOURCES WHICH WE BELIEVE ARE RELIABLE AND ARE PROPRIETARY AND ARE FURNISHED SOLELY FOR THE USE OF OUR CUSTOMERS. SINCE IT IS IMPOSSIBLE FOR US TO DETERMINE THE PRECISE CONDITIONS UNDER WHICH OUR PRODUCTS WILL BE USED, NEITHER EMPIRE INK NOR ITS AFFILIATES CAN ACCEPT RESPONSIBILITY FOR LOSS, INJURY OR OTHER DAMAGES RESULTING FROM THE USE OF THE PRODUCT OR THIS OR ANY OTHER INFORMATION PROVIDED BY US. USERS ARE ADVISED TO MAKE THEIR OWN TESTS TO DETERMINE THE SAFETY, SUITABILITY, AND RELEVANCE OF FEDERAL AND LOCAL LAW TO THE PRODUCT AS IT IS TO BE USED BY THEM. THEREFORE NO GUARANTEE OF ANY KIND EXPRESSED OR IMPLIED, INCLUDING THOSE OF FITNESS OR MERCHANTABILITY, ARE MADE BY EMPIRE INK OR THE AFFILIATES WITH REGARD TO ANY OF THEIR PRODUCTS.

SAFETY DATA SHEET



DATE ISSUED :	10/26/2018
MSDS REF. No :	CWD 7434

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LIGHT GRAYWASH

PRODUCT CODE: CWD 7434

PHYSICAL APPEARANCE: Fluid colored liquid with low odor

MANUFACTURER

Colt's Timeless Tattoos/Empire Inks
2065 American Drive, Suite C
Neenah, Wisconsin
(920) 666-8775

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

GHS CLASSIFICATION

Not classified.

SIGNAL WORD: Not a hazardous substance or preparation according to the Global Harmonized System (GHS).

HAZARD STATEMENT(S):

No known significant effects or critical effects.

PRECAUTIONARY STATEMENT(S):

Not applicable

OTHER HAZARDS:

Hazards not otherwise classified (HNOC).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Water	90% to 95%	7732-18-5
Carbon black PBk 7, CI 77266	0% to 5%	1333-86-4
Ethanol	0% to 5%	64-17-5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and thus require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

The exact % composition has been withheld as a trade secret.

4. FIRST AID MEASURES

EYES: Flush with water for 15 minutes. See a physician if irritation persists.

SKIN: Rinse skin with soap and water. See a physician if irritation persists.

INGESTION: No adverse health effects anticipated by this route during proper industrial handling. In the event of ingestion, increase intake of liquid in order to flush from body. If symptoms persist, call a physician.

INHALATION: Remove the victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm and seek medical attention immediately.

NOTES TO PHYSICIAN: Immediate medical attention is not required.

5. FIRE FIGHTING MEASURES

AUTOIGNITION TEMPERATURE: This product will not auto-ignite.

FLAMMABLE CLASS: Not flammable.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES: None required.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Dike and contain spillage then collect with non-combustible absorbent material (e.g., sand, earth, diatomaceous earth, vermiculite). Scoop up material and place into suitable container(s) for disposal according to local and federal regulations.

Prevent product from entering storm drains. If the product contaminates rivers and lakes or drains inform respective authorities.

ENVIRONMENTAL PRECAUTIONS

Avoid discharges into open waterways. If the product contaminates storm drains, rivers and lakes inform respective authorities.

Avoid discharge to soil. Contain spillage and collect discharge/spilled materials then place in container for disposal according to local and federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Keep containers closed when not in use.
For professional use only.
Keep out of reach from children.
Smoking, eating and drinking should be prohibited in the work area.

CONDITIONS FOR STORAGE INCLUDING ANY INCOMPATIBILITIES

Store in a dry, cool place, away from direct sunlight, sources of intense heat, or freezing temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS

Components	CAS No.	Limits
Carbon black PBk 7, CI 77266	1333-86-4	ACGIH TLV: 3.0 mg/m ³ TWA, inhalable OSHA PEL: 3.5 mg/m ³ TWA, inhalable
Ethanol	64-17-5	ACGIH TLV: 1000 ppm, 15 min. ; OSHA PEL: 1000 ppm, 8 hrs ; NIOSH REL: 1000 ppm, 10 hrs.

ENGINEERING CONTROLS: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

SKIN: Impervious gloves.

RESPIRATORY: Use NIOSH approved respirators when permissible exposure limits are exceeded.

WORK HYGIENIC PRACTICES:

Keep containers closed when not in use.
Wash hands before breaks and at the end of work day.

OTHER PROTECTIVE EQUIPMENT:

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOR: Colored liquid
ODOR: Low odor
ODOR THRESHOLD: No data available
pH: Not available.
MELTING POINT(°F): Not available.
BOILING POINT(°F): 212.0 TO 449.0
FLASH POINT (°F): >200.0, TCC
LOWER EXPLOSION LIMIT(%): Not applicable
UPPER EXPLOSION LIMIT(%): Not applicable
VAPOR DENSITY: Heavier than air.
VAPOR PRESSURE, ESTIMATED(68°F): Not available
DENSITY (lbs/gal.): 8.2757
SOLIDS IN WT. %: 1.9006
EVAPORATION RATE: Not available
SOLUBILITY IN WATER: Miscible
VOC (grams/liter): 42.5069

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

INCOMPATIBLE MATERIALS: Strong acids, bases and oxidizing agents.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL EFFECTS

ACUTE TOXICITY: Not classified.

POTENTIAL HEALTH EFFECTS:

EYES: Causes mild eye irritation.

SKIN: No hazard during normal use.

SKIN ABSORPTION: No hazard during normal industrial use.

INGESTION: No hazard during normal industrial use.

INHALATION: No hazard during normal industrial use.

CARCINOGENICITY: IARC (International Agency for Research on Cancer) has classified carbon black as Group 2B; possibly carcinogenic to humans. Assessment on toxicity for carbon black; non-toxic after a single ingestion and/or skin contact, no deaths at the highest dose tested after short-term inhalation.

NTP: No

IARC: Yes

OSHA: No

MUTAGENICITY: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS:

No known significant effects or critical hazards.

PERSISTENCE AND DEGRADABILITY:

Biodegradability: No known significant effects or critical hazards.
Mobility in soil : No known significant effects or critical hazards.
Bioaccumulation: No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

EMPTY CONTAINER: Empty remaining contents. Dispose of as unused product as hazardous waste. Do not re-use empty containers. Do not burn nor use cutting tools on the empty containers.

RCRA/EPA WASTE INFORMATION: Obey all local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

SHIPPING NAME: Not regulated

SHIPPING DESCRIPTION: Not regulated

IMDG: Not regulated

IATA: Not regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

Section 302/304 : No chemicals subject to the reporting requirements of SARA Title III, Section 302.

Section 311/312 : None

Section 313 : The product does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

TSCA INVENTORY: All components are listed or exempted.

CERCLA INFORMATION : This material does not contain any components with a CERCLA RQ.

CA PROPOSITION 65 :

WARNING: This product can expose you to chemical(s) including [Carbon black] which is known to the State of California to cause cancer.

STATE RTK:

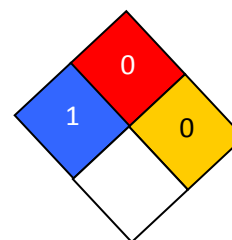
NJ, PA, MA

Carbon black CAS# 1333-86-4

16. OTHER INFORMATION

HMIS RATING	
Health :	1
Flammability :	0
Reactivity :	0
Personal Protection :	B

NFPA CODES



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SAFETY DATA SHEET



DATE ISSUED :	10/26/2018
MSDS REF. No :	CWD 7435

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MEDIUM GRAYWASH

PRODUCT CODE: CWD 7435

PHYSICAL APPEARANCE: Fluid colored liquid with low odor

MANUFACTURER

Colt's Timeless Tattoos/Empire Inks
2065 American Drive, Suite C
Neenah, Wisconsin
(920) 666-8775

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

GHS CLASSIFICATION

Not classified.

SIGNAL WORD: Not a hazardous substance or preparation according to the Global Harmonized System (GHS).

HAZARD STATEMENT(S):

No known significant effects or critical effects.

PRECAUTIONARY STATEMENT(S):

Not applicable

OTHER HAZARDS:

Hazards not otherwise classified (HNOC).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Water	80% to 90%	7732-18-5
Carbon black PBk 7, CI 77266	0% to 5%	1333-86-4
Ethanol	0% to 5%	64-17-5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and thus require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

The exact % composition has been withheld as a trade secret.

4. FIRST AID MEASURES

EYES: Flush with water for 15 minutes. See a physician if irritation persists.

SKIN: Rinse skin with soap and water. See a physician if irritation persists.

INGESTION: No adverse health effects anticipated by this route during proper industrial handling. In the event of ingestion, increase intake of liquid in order to flush from body. If symptoms persist, call a physician.

INHALATION: Remove the victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm and seek medical attention immediately.

NOTES TO PHYSICIAN: Immediate medical attention is not required.

5. FIRE FIGHTING MEASURES

AUTOIGNITION TEMPERATURE: This product will not auto-ignite.

FLAMMABLE CLASS: Not flammable.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES: None required.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

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Prevent product from entering storm drains. If the product contaminates rivers and lakes or drains inform respective authorities.

ENVIRONMENTAL PRECAUTIONS

Avoid discharges into open waterways. If the product contaminates storm drains, rivers and lakes inform respective authorities.

Avoid discharge to soil. Contain spillage and collect discharge/spilled materials then place in container for disposal according to local and federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

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Smoking, eating and drinking should be prohibited in the work area.

CONDITIONS FOR STORAGE INCLUDING ANY INCOMPATIBILITIES

Store in a dry, cool place, away from direct sunlight, sources of intense heat, or freezing temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS

Components	CAS No.	Limits
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PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

SKIN: Impervious gloves.

RESPIRATORY: Use NIOSH approved respirators when permissible exposure limits are exceeded.

WORK HYGIENIC PRACTICES:

Keep containers closed when not in use.
Wash hands before breaks and at the end of work day.

OTHER PROTECTIVE EQUIPMENT:

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
COLOR: Colored liquid
ODOR: Low odor
ODOR THRESHOLD: No data available
pH: Not available.
MELTING POINT(°F): Not available.
BOILING POINT(°F): 212.0 TO 449.0
FLASH POINT (°F): >200.0, TCC
LOWER EXPLOSION LIMIT(%): Not applicable
UPPER EXPLOSION LIMIT(%): Not applicable
VAPOR DENSITY: Heavier than air.
VAPOR PRESSURE, ESTIMATED(68°F): Not available
DENSITY (lbs/gal.): 8.3432
SOLIDS IN WT. %: 5.6345
EVAPORATION RATE: Not available
SOLUBILITY IN WATER: Miscible
VOC (grams/liter): 42.8537

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

INCOMPATIBLE MATERIALS: Strong acids, bases and oxidizing agents.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL EFFECTS

ACUTE TOXICITY: Not classified.

POTENTIAL HEALTH EFFECTS:

EYES: Causes mild eye irritation.

SKIN: No hazard during normal use.

SKIN ABSORPTION: No hazard during normal industrial use.

INGESTION: No hazard during normal industrial use.

INHALATION: No hazard during normal industrial use.

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NTP: No

IARC: Yes

OSHA: No

MUTAGENICITY: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS:

No known significant effects or critical hazards.

PERSISTENCE AND DEGRADABILITY:

Biodegradability: No known significant effects or critical hazards.

Mobility in soil : No known significant effects or critical hazards.

Bioaccumulation: No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

EMPTY CONTAINER: Empty remaining contents. Dispose of as unused product as hazardous waste. Do not re-use empty containers. Do not burn nor use cutting tools on the empty containers.

RCRA/EPA WASTE INFORMATION: Obey all local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

SHIPPING NAME: Not regulated

SHIPPING DESCRIPTION: Not regulated

IMDG: Not regulated

IATA: Not regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

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CA PROPOSITION 65 :

WARNING: This product can expose you to chemical(s) including [Carbon black] which is known to the State of California to cause cancer.

STATE RTK:

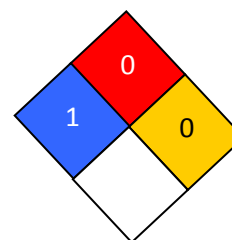
NJ, PA, MA

Carbon black CAS# 1333-86-4

16. OTHER INFORMATION

HMIS RATING	
Health :	1
Flammability :	0
Reactivity :	0
Personal Protection :	B

NFPA CODES



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DATE ISSUED :	10/26/2018
MSDS REF. No :	CWD 7436

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: DARK GRAYWASH

PRODUCT CODE: CWD 7436

PHYSICAL APPEARANCE: Fluid colored liquid with low odor

MANUFACTURER

Colt's Timeless Tattoos/Empire Inks
2065 American Drive, Suite C
Neenah, Wisconsin
(920) 666-8775

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

GHS CLASSIFICATION

Not classified.

SIGNAL WORD: Not a hazardous substance or preparation according to the Global Harmonized System (GHS).

HAZARD STATEMENT(S):

No known significant effects or critical effects.

PRECAUTIONARY STATEMENT(S):

Not applicable

OTHER HAZARDS:

Hazards not otherwise classified (HNOC).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Water	80% to 90%	7732-18-5
Carbon black PBk 7, CI 77266	5% to 10%	1333-86-4
Ethanol	0% to 5%	64-17-5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and thus require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

The exact % composition has been withheld as a trade secret.

4. FIRST AID MEASURES

EYES: Flush with water for 15 minutes. See a physician if irritation persists.

SKIN: Rinse skin with soap and water. See a physician if irritation persists.

INGESTION: No adverse health effects anticipated by this route during proper industrial handling. In the event of ingestion, increase intake of liquid in order to flush from body. If symptoms persist, call a physician.

INHALATION: Remove the victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm and seek medical attention immediately.

NOTES TO PHYSICIAN: Immediate medical attention is not required.

5. FIRE FIGHTING MEASURES

AUTOIGNITION TEMPERATURE: This product will not auto-ignite.

FLAMMABLE CLASS: Not flammable.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES: None required.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Dike and contain spillage then collect with non-combustible absorbent material (e.g., sand, earth, diatomaceous earth, vermiculite). Scoop up material and place into suitable container(s) for disposal according to local and federal regulations.

Prevent product from entering storm drains. If the product contaminates rivers and lakes or drains inform respective authorities.

ENVIRONMENTAL PRECAUTIONS

Avoid discharges into open waterways. If the product contaminates storm drains, rivers and lakes inform respective authorities.

Avoid discharge to soil. Contain spillage and collect discharge/spilled materials then place in container for disposal according to local and federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Keep containers closed when not in use.
For professional use only.
Keep out of reach from children.
Smoking, eating and drinking should be prohibited in the work area.

CONDITIONS FOR STORAGE INCLUDING ANY INCOMPATIBILITIES

Store in a dry, cool place, away from direct sunlight, sources of intense heat, or freezing temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS

Components	CAS No.	Limits
Carbon black PBk 7, CI 77266	1333-86-4	ACGIH TLV: 3.0 mg/m ³ TWA, inhalable OSHA PEL: 3.5 mg/m ³ TWA, inhalable
Ethanol	64-17-5	ACGIH TLV: 1000 ppm, 15 min. ; OSHA PEL: 1000 ppm, 8 hrs ; NIOSH REL: 1000 ppm, 10 hrs.

ENGINEERING CONTROLS: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

SKIN: Impervious gloves.

RESPIRATORY: Use NIOSH approved respirators when permissible exposure limits are exceeded.

WORK HYGIENIC PRACTICES:

Keep containers closed when not in use.
Wash hands before breaks and at the end of work day.

OTHER PROTECTIVE EQUIPMENT:

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOR: Colored liquid
ODOR: Low odor
ODOR THRESHOLD: No data available
pH: Not available.
MELTING POINT(°F): Not available.
BOILING POINT(°F): 212.0 TO 449.0
FLASH POINT (°F): >200.0, TCC
LOWER EXPLOSION LIMIT(%): Not applicable
UPPER EXPLOSION LIMIT(%): Not applicable
VAPOR DENSITY: Heavier than air.
VAPOR PRESSURE, ESTIMATED(68°F): Not available
DENSITY (lbs/gal.): 8.3774
SOLIDS IN WT. %: 7.5015
EVAPORATION RATE: Not available
SOLUBILITY IN WATER: Miscible
VOC (grams/liter): 43.0292

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

INCOMPATIBLE MATERIALS: Strong acids, bases and oxidizing agents.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL EFFECTS

ACUTE TOXICITY: Not classified.

POTENTIAL HEALTH EFFECTS:

EYES: Causes mild eye irritation.

SKIN: No hazard during normal use.

SKIN ABSORPTION: No hazard during normal industrial use.

INGESTION: No hazard during normal industrial use.

INHALATION: No hazard during normal industrial use.

CARCINOGENICITY: IARC (International Agency for Research on Cancer) has classified carbon black as Group 2B; possibly carcinogenic to humans. Assessment on toxicity for carbon black; non-toxic after a single ingestion and/or skin contact, no deaths at the highest dose tested after short-term inhalation.

NTP: No

IARC: Yes

OSHA: No

MUTAGENICITY: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS:

No known significant effects or critical hazards.

PERSISTENCE AND DEGRADABILITY:

Biodegradability: No known significant effects or critical hazards.
Mobility in soil : No known significant effects or critical hazards.
Bioaccumulation: No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

EMPTY CONTAINER: Empty remaining contents. Dispose of as unused product as hazardous waste. Do not re-use empty containers. Do not burn nor use cutting tools on the empty containers.

RCRA/EPA WASTE INFORMATION: Obey all local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

SHIPPING NAME: Not regulated

SHIPPING DESCRIPTION: Not regulated

IMDG: Not regulated

IATA: Not regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

Section 302/304 : No chemicals subject to the reporting requirements of SARA Title III, Section 302.

Section 311/312 : None

Section 313 : The product does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

TSCA INVENTORY: All components are listed or exempted.

CERCLA INFORMATION : This material does not contain any components with a CERCLA RQ.

CA PROPOSITION 65 :

WARNING: This product can expose you to chemical(s) including [Carbon black] which is known to the State of California to cause cancer.

STATE RTK:

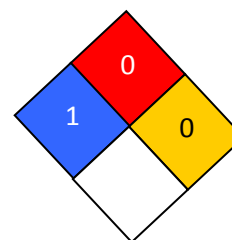
NJ, PA, MA

Carbon black CAS# 1333-86-4

16. OTHER INFORMATION

HMIS RATING	
Health :	1
Flammability :	0
Reactivity :	0
Personal Protection :	B

NFPA CODES



DISCLAIMER : THE INFORMATION OR RECOMMENDATIONS CONTAINED HEREIN ARE BASED ON INFORMATION OBTAINED FROM SOURCES WHICH WE BELIEVE ARE RELIABLE AND ARE PROPRIETARY AND ARE FURNISHED SOLELY FOR THE USE OF OUR CUSTOMERS. SINCE IT IS IMPOSSIBLE FOR US TO DETERMINE THE PRECISE CONDITIONS UNDER WHICH OUR PRODUCTS WILL BE USED, NEITHER EMPIRE INK NOR ITS AFFILIATES CAN ACCEPT RESPONSIBILITY FOR LOSS, INJURY OR OTHER DAMAGES RESULTING FROM THE USE OF THE PRODUCT OR THIS OR ANY OTHER INFORMATION PROVIDED BY US. USERS ARE ADVISED TO MAKE THEIR OWN TESTS TO DETERMINE THE SAFETY, SUITABILITY, AND RELEVANCE OF FEDERAL AND LOCAL LAW TO THE PRODUCT AS IT IS TO BE USED BY THEM. THEREFORE NO GUARANTEE OF ANY KIND EXPRESSED OR IMPLIED, INCLUDING THOSE OF FITNESS OR MERCHANTABILITY, ARE MADE BY EMPIRE INK OR THE AFFILIATES WITH REGARD TO ANY OF THEIR PRODUCTS.

SAFETY DATA SHEET



DATE ISSUED :	10/26/2018
MSDS REF. No :	CTD 7200

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BLACK

PRODUCT CODE: CTD 7200

PHYSICAL APPEARANCE: Fluid colored liquid with low odor

MANUFACTURER

Colt's Timeless Tattoos/Empire Inks
2065 American Drive, Suite C
Neenah, Wisconsin
(920) 666-8775

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

GHS CLASSIFICATION

Not classified.

SIGNAL WORD: Not a hazardous substance or preparation according to the Global Harmonized System (GHS).

HAZARD STATEMENT(S):

No known significant effects or critical effects.

PRECAUTIONARY STATEMENT(S):

Not applicable

OTHER HAZARDS:

Hazards not otherwise classified (HNOC).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Water	60% to 70%	7732-18-5
Carbon black PBk 7, CI 77266	30% to 40%	1333-86-4
Ethanol	0% to 5%	64-17-5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and thus require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

The exact % composition has been withheld as a trade secret.

4. FIRST AID MEASURES

EYES: Flush with water for 15 minutes. See a physician if irritation persists.

SKIN: Rinse skin with soap and water. See a physician if irritation persists.

INGESTION: No adverse health effects anticipated by this route during proper industrial handling. In the event of ingestion, increase intake of liquid in order to flush from body. If symptoms persist, call a physician.

INHALATION: Remove the victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm and seek medical attention immediately.

NOTES TO PHYSICIAN: Immediate medical attention is not required.

5. FIRE FIGHTING MEASURES

AUTOIGNITION TEMPERATURE: This product will not auto-ignite.

FLAMMABLE CLASS: Not flammable.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES: None required.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Dike and contain spillage then collect with non-combustible absorbent material (e.g., sand, earth, diatomaceous earth, vermiculite). Scoop up material and place into suitable container(s) for disposal according to local and federal regulations.

Prevent product from entering storm drains. If the product contaminates rivers and lakes or drains inform respective authorities.

ENVIRONMENTAL PRECAUTIONS

Avoid discharges into open waterways. If the product contaminates storm drains, rivers and lakes inform respective authorities.

Avoid discharge to soil. Contain spillage and collect discharge/spilled materials then place in container for disposal according to local and federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Keep containers closed when not in use.
For professional use only.
Keep out of reach from children.
Smoking, eating and drinking should be prohibited in the work area.

CONDITIONS FOR STORAGE INCLUDING ANY INCOMPATIBILITIES

Store in a dry, cool place, away from direct sunlight, sources of intense heat, or freezing temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS

Components	CAS No.	Limits
Carbon black PBk 7, CI 77266	1333-86-4	ACGIH TLV: 3.0 mg/m ³ TWA, inhalable OSHA PEL: 3.5 mg/m ³ TWA, inhalable
Ethanol	64-17-5	ACGIH TLV: 1000 ppm, 15 min. ; OSHA PEL: 1000 ppm, 8 hrs ; NIOSH REL: 1000 ppm, 10 hrs.

ENGINEERING CONTROLS: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

SKIN: Impervious gloves.

RESPIRATORY: Use NIOSH approved respirators when permissible exposure limits are exceeded.

WORK HYGIENIC PRACTICES:

Keep containers closed when not in use.
Wash hands before breaks and at the end of work day.

OTHER PROTECTIVE EQUIPMENT:

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
COLOR: Colored liquid
ODOR: Low odor
ODOR THRESHOLD: No data available
pH: Not available.
MELTING POINT(°F): Not available.
BOILING POINT(°F): 212.0 TO 448.0
FLASH POINT (°F): >200.0, TCC
LOWER EXPLOSION LIMIT(%): Not applicable
UPPER EXPLOSION LIMIT(%): Not applicable
VAPOR DENSITY: Heavier than air.
VAPOR PRESSURE, ESTIMATED(68°F): Not available
DENSITY (lbs/gal.): 9.1046
SOLIDS IN WT. %: 37.7392
EVAPORATION RATE: Not available
SOLUBILITY IN WATER: Miscible
VOC (grams/liter): 26.0827

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

INCOMPATIBLE MATERIALS: Strong acids, bases and oxidizing agents.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL EFFECTS

ACUTE TOXICITY: Not classified.

POTENTIAL HEALTH EFFECTS:

EYES: Causes mild eye irritation.

SKIN: No hazard during normal use.

SKIN ABSORPTION: No hazard during normal industrial use.

INGESTION: No hazard during normal industrial use.

INHALATION: No hazard during normal industrial use.

CARCINOGENICITY: IARC (International Agency for Research on Cancer) has classified carbon black as Group 2B; possibly carcinogenic to humans. Assessment on toxicity for carbon black; non-toxic after a single ingestion and/or skin contact, no deaths at the highest dose tested after short-term inhalation.

NTP: No

IARC: Yes

OSHA: No

MUTAGENICITY: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS:

No known significant effects or critical hazards.

PERSISTENCE AND DEGRADABILITY:

Biodegradability: No known significant effects or critical hazards.
Mobility in soil : No known significant effects or critical hazards.
Bioaccumulation: No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

EMPTY CONTAINER: Empty remaining contents. Dispose of as unused product as hazardous waste. Do not re-use empty containers. Do not burn nor use cutting tools on the empty containers.

RCRA/EPA WASTE INFORMATION: Obey all local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

SHIPPING NAME: Not regulated

SHIPPING DESCRIPTION: Not regulated

IMDG: Not regulated

IATA: Not regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

Section 302/304 : No chemicals subject to the reporting requirements of SARA Title III, Section 302.

Section 311/312 : None

Section 313 : The product does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

TSCA INVENTORY: All components are listed or exempted.

CERCLA INFORMATION : This material does not contain any components with a CERCLA RQ.

CA PROPOSITION 65 :

WARNING: This product can expose you to chemical(s) including [Carbon Black] which is known to the State of California to cause cancer.

STATE RTK:

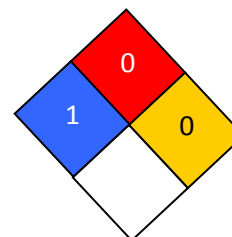
NJ, PA, MA

Carbon black CAS# 1333-86-4

16. OTHER INFORMATION

HMIS RATING	
Health :	0
Flammability :	0
Reactivity :	0
Personal Protection :	B

NFPA CODES



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SAFETY DATA SHEET



DATE ISSUED :	10/26/2018
MSDS REF. No :	CTD 7201

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LIGHT BLACK

PRODUCT CODE: CTD 7201

PHYSICAL APPEARANCE: Fluid colored liquid with low odor

MANUFACTURER

Colt's Timeless Tattoos/Empire Inks
2065 American Drive, Suite C
Neenah, Wisconsin
(920) 666-8775

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

GHS CLASSIFICATION

Not classified.

SIGNAL WORD: Not a hazardous substance or preparation according to the Global Harmonized System (GHS).

HAZARD STATEMENT(S):

No known significant effects or critical effects.

PRECAUTIONARY STATEMENT(S):

Not applicable

OTHER HAZARDS:

Hazards not otherwise classified (HNOC).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Water	90% to 95%	7732-18-5
Carbon black PBk 7, CI 77266	0% to 5%	1333-86-4
Ethanol	0% to 5%	64-17-5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and thus require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

The exact % composition has been withheld as a trade secret.

4. FIRST AID MEASURES

EYES: Flush with water for 15 minutes. See a physician if irritation persists.

SKIN: Rinse skin with soap and water. See a physician if irritation persists.

INGESTION: No adverse health effects anticipated by this route during proper industrial handling. In the event of ingestion, increase intake of liquid in order to flush from body. If symptoms persist, call a physician.

INHALATION: Remove the victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm and seek medical attention immediately.

NOTES TO PHYSICIAN: Immediate medical attention is not required.

5. FIRE FIGHTING MEASURES

AUTOIGNITION TEMPERATURE: This product will not auto-ignite.

FLAMMABLE CLASS: Not flammable.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES: None required.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Dike and contain spillage then collect with non-combustible absorbent material (e.g., sand, earth, diatomaceous earth, vermiculite). Scoop up material and place into suitable container(s) for disposal according to local and federal regulations.

Prevent product from entering storm drains. If the product contaminates rivers and lakes or drains inform respective authorities.

ENVIRONMENTAL PRECAUTIONS

Avoid discharges into open waterways. If the product contaminates storm drains, rivers and lakes inform respective authorities.

Avoid discharge to soil. Contain spillage and collect discharge/spilled materials then place in container for disposal according to local and federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Keep containers closed when not in use.
For professional use only.
Keep out of reach from children.
Smoking, eating and drinking should be prohibited in the work area.

CONDITIONS FOR STORAGE INCLUDING ANY INCOMPATIBILITIES

Store in a dry, cool place, away from direct sunlight, sources of intense heat, or freezing temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS

Components	CAS No.	Limits
Carbon black PBk 7, CI 77266	1333-86-4	ACGIH TLV: 3.0 mg/m ³ TWA, inhalable OSHA PEL: 3.5 mg/m ³ TWA, inhalable
Ethanol	64-17-5	ACGIH TLV: 1000 ppm, 15 min. ; OSHA PEL: 1000 ppm, 8 hrs ; NIOSH REL: 1000 ppm, 10 hrs.

ENGINEERING CONTROLS: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

SKIN: Impervious gloves.

RESPIRATORY: Use NIOSH approved respirators when permissible exposure limits are exceeded.

WORK HYGIENIC PRACTICES:

Keep containers closed when not in use.
Wash hands before breaks and at the end of work day.

OTHER PROTECTIVE EQUIPMENT:

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOR: Colored liquid
ODOR: Low odor
ODOR THRESHOLD: No data available
pH: Not available
MELTING POINT(°F): Not available.
BOILING POINT(°F): 212.0 TO 448.0
FLASH POINT (°F): >200.0, TCC
LOWER EXPLOSION LIMIT(%): Not applicable
UPPER EXPLOSION LIMIT(%): Not applicable
VAPOR DENSITY: Heavier than air.
VAPOR PRESSURE, ESTIMATED(68°F): Not available
DENSITY (lbs/gal.): 8.2934
SOLIDS IN WT. %: 0.4416
EVAPORATION RATE: Not available
SOLUBILITY IN WATER: Miscible
VOC (grams/liter): 23.4011

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

INCOMPATIBLE MATERIALS: Strong acids, bases and oxidizing agents.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL EFFECTS

ACUTE TOXICITY: Not classified.

POTENTIAL HEALTH EFFECTS:

EYES: Causes mild eye irritation.

SKIN: No hazard during normal use.

SKIN ABSORPTION: No hazard during normal industrial use.

INGESTION: No hazard during normal industrial use.

INHALATION: No hazard during normal industrial use.

CARCINOGENICITY: IARC (International Agency for Research on Cancer) has classified carbon black as Group 2B; possibly carcinogenic to humans. Assessment on toxicity for carbon black; non-toxic after a single ingestion and/or skin contact, no deaths at the highest dose tested after short-term inhalation.

NTP: No

IARC: Yes

OSHA: No

MUTAGENICITY: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS:

No known significant effects or critical hazards.

PERSISTENCE AND DEGRADABILITY:

Biodegradability: No known significant effects or critical hazards.
Mobility in soil : No known significant effects or critical hazards.
Bioaccumulation: No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

EMPTY CONTAINER: Empty remaining contents. Dispose of as unused product as hazardous waste. Do not re-use empty containers. Do not burn nor use cutting tools on the empty containers.

RCRA/EPA WASTE INFORMATION: Obey all local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

SHIPPING NAME: Not regulated

SHIPPING DESCRIPTION: Not regulated

IMDG: Not regulated

IATA: Not regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

Section 302/304 : No chemicals subject to the reporting requirements of SARA Title III, Section 302.

Section 311/312 : None

Section 313 : The product does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

TSCA INVENTORY: All components are listed or exempted.

CERCLA INFORMATION : This material does not contain any components with a CERCLA RQ.

CA PROPOSITION 65 :

WARNING: This product can expose you to chemical(s) including [Carbon black] which is known to the State of California to cause cancer.

STATE RTK:

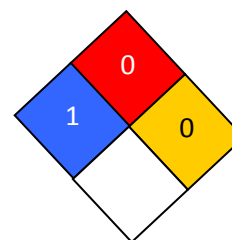
NJ, PA, MA

Carbon black CAS# 1333-86-4

16. OTHER INFORMATION

HMIS RATING	
Health :	0
Flammability :	0
Reactivity :	0
Personal Protection :	B

NFPA CODES



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SAFETY DATA SHEET



DATE ISSUED :	10/26/2018
MSDS REF. No :	CTD 7204

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MEDIUM BLACK

PRODUCT CODE: CTD 7204

PHYSICAL APPEARANCE: Fluid colored liquid with low odor

MANUFACTURER

Colt's Timeless Tattoos/Empire Inks
2065 American Drive, Suite C
Neenah, Wisconsin
(920) 666-8775

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

GHS CLASSIFICATION

Not classified.

SIGNAL WORD: Not a hazardous substance or preparation according to the Global Harmonized System (GHS).

HAZARD STATEMENT(S):

No known significant effects or critical effects.

PRECAUTIONARY STATEMENT(S):

Not applicable

OTHER HAZARDS:

Hazards not otherwise classified (HNOC).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Water	90% to 95%	7732-18-5
Carbon black PBk 7, CI 77266	0% to 5%	1333-86-4
Ethanol	0% to 5%	64-17-5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and thus require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

The exact % composition has been withheld as a trade secret.

4. FIRST AID MEASURES

EYES: Flush with water for 15 minutes. See a physician if irritation persists.

SKIN: Rinse skin with soap and water. See a physician if irritation persists.

INGESTION: No adverse health effects anticipated by this route during proper industrial handling. In the event of ingestion, increase intake of liquid in order to flush from body. If symptoms persist, call a physician.

INHALATION: Remove the victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm and seek medical attention immediately.

NOTES TO PHYSICIAN: Immediate medical attention is not required.

5. FIRE FIGHTING MEASURES

AUTOIGNITION TEMPERATURE: This product will not auto-ignite.

FLAMMABLE CLASS: Not flammable.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES: None required.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Dike and contain spillage then collect with non-combustible absorbent material (e.g., sand, earth, diatomaceous earth, vermiculite). Scoop up material and place into suitable container(s) for disposal according to local and federal regulations.

Prevent product from entering storm drains. If the product contaminates rivers and lakes or drains inform respective authorities.

ENVIRONMENTAL PRECAUTIONS

Avoid discharges into open waterways. If the product contaminates storm drains, rivers and lakes inform respective authorities.

Avoid discharge to soil. Contain spillage and collect discharge/spilled materials then place in container for disposal according to local and federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Keep containers closed when not in use.
For professional use only.
Keep out of reach from children.
Smoking, eating and drinking should be prohibited in the work area.

CONDITIONS FOR STORAGE INCLUDING ANY INCOMPATIBILITIES

Store in a dry, cool place, away from direct sunlight, sources of intense heat, or freezing temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS

Components	CAS No.	Limits
Carbon black PBk 7, CI 77266	1333-86-4	ACGIH TLV: 3.0 mg/m ³ TWA, inhalable OSHA PEL: 3.5 mg/m ³ TWA, inhalable
Ethanol	64-17-5	ACGIH TLV: 1000 ppm, 15 min. ; OSHA PEL: 1000 ppm, 8 hrs ; NIOSH REL: 1000 ppm, 10 hrs.

ENGINEERING CONTROLS: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

SKIN: Impervious gloves.

RESPIRATORY: Use NIOSH approved respirators when permissible exposure limits are exceeded.

WORK HYGIENIC PRACTICES:

Keep containers closed when not in use.
Wash hands before breaks and at the end of work day.

OTHER PROTECTIVE EQUIPMENT:

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
COLOR: Colored liquid
ODOR: Low odor
ODOR THRESHOLD: No data available
pH: Not available.
MELTING POINT(°F): Not available.
BOILING POINT(°F): 212.0 TO 448.0
FLASH POINT (°F): >200.0, TCC
LOWER EXPLOSION LIMIT(%): Not applicable
UPPER EXPLOSION LIMIT(%): Not applicable
VAPOR DENSITY: Heavier than air.
VAPOR PRESSURE, ESTIMATED(68°F): Not available
DENSITY (lbs/gal.): 8.3418
SOLIDS IN WT. %: 2.8362
EVAPORATION RATE: Not available
SOLUBILITY IN WATER: Miscible
VOC (grams/liter): 23.6815

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

INCOMPATIBLE MATERIALS: Strong acids, bases and oxidizing agents.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL EFFECTS

ACUTE TOXICITY: Not classified.

POTENTIAL HEALTH EFFECTS:

EYES: Causes mild eye irritation.

SKIN: No hazard during normal use.

SKIN ABSORPTION: No hazard during normal industrial use.

INGESTION: No hazard during normal industrial use.

INHALATION: No hazard during normal industrial use.

CARCINOGENICITY: IARC (International Agency for Research on Cancer) has classified carbon black as Group 2B; possibly carcinogenic to humans. Assessment on toxicity for carbon black; non-toxic after a single ingestion and/or skin contact, no deaths at the highest dose tested after short-term inhalation.

NTP: No

IARC: Yes

OSHA: No

MUTAGENICITY: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS:

No known significant effects or critical hazards.

PERSISTENCE AND DEGRADABILITY:

Biodegradability: No known significant effects or critical hazards.
Mobility in soil : No known significant effects or critical hazards.
Bioaccumulation: No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

EMPTY CONTAINER: Empty remaining contents. Dispose of as unused product as hazardous waste. Do not re-use empty containers. Do not burn nor use cutting tools on the empty containers.

RCRA/EPA WASTE INFORMATION: Obey all local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

SHIPPING NAME: Not regulated

SHIPPING DESCRIPTION: Not regulated

IMDG: Not regulated

IATA: Not regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

Section 302/304 : No chemicals subject to the reporting requirements of SARA Title III, Section 302.

Section 311/312 : None

Section 313 : The product does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

TSCA INVENTORY: All components are listed or exempted.

CERCLA INFORMATION : This material does not contain any components with a CERCLA RQ.

CA PROPOSITION 65 :

WARNING: This product can expose you to chemical(s) including [Carbon black] which is known to the State of California to cause cancer.

STATE RTK:

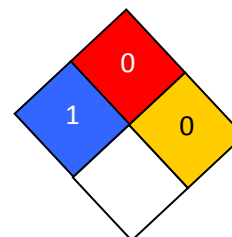
NJ, PA, MA

Carbon black CAS# 1333-86-4

16. OTHER INFORMATION

HMIS RATING	
Health :	0
Flammability :	0
Reactivity :	0
Personal Protection :	B

NFPA CODES



DISCLAIMER : THE INFORMATION OR RECOMMENDATIONS CONTAINED HEREIN ARE BASED ON INFORMATION OBTAINED FROM SOURCES WHICH WE BELIEVE ARE RELIABLE AND ARE PROPRIETARY AND ARE FURNISHED SOLELY FOR THE USE OF OUR CUSTOMERS. SINCE IT IS IMPOSSIBLE FOR US TO DETERMINE THE PRECISE CONDITIONS UNDER WHICH OUR PRODUCTS WILL BE USED, NEITHER EMPIRE INK NOR ITS AFFILIATES CAN ACCEPT RESPONSIBILITY FOR LOSS, INJURY OR OTHER DAMAGES RESULTING FROM THE USE OF THE PRODUCT OR THIS OR ANY OTHER INFORMATION PROVIDED BY US. USERS ARE ADVISED TO MAKE THEIR OWN TESTS TO DETERMINE THE SAFETY, SUITABILITY, AND RELEVANCE OF FEDERAL AND LOCAL LAW TO THE PRODUCT AS IT IS TO BE USED BY THEM. THEREFORE NO GUARANTEE OF ANY KIND EXPRESSED OR IMPLIED, INCLUDING THOSE OF FITNESS OR MERCHANTABILITY, ARE MADE BY EMPIRE INK OR THE AFFILIATES WITH REGARD TO ANY OF THEIR PRODUCTS.

SAFETY DATA SHEET



DATE ISSUED :	10/26/2018
MSDS REF. No :	CTD 7203

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: DARK BLACK

PRODUCT CODE: CTD 7203

PHYSICAL APPEARANCE: Fluid colored liquid with low odor

MANUFACTURER

Colt's Timeless Tattoos/Empire Inks
2065 American Drive, Suite C
Neenah, Wisconsin
(920) 666-8775

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

GHS CLASSIFICATION

Not classified.

SIGNAL WORD: Not a hazardous substance or preparation according to the Global Harmonized System (GHS).

HAZARD STATEMENT(S):

No known significant effects or critical effects.

PRECAUTIONARY STATEMENT(S):

Not applicable

OTHER HAZARDS:

Hazards not otherwise classified (HNOC).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Water	90% to 95%	7732-18-5
Carbon black PBk 7, CI 77266	5% to 10%	1333-86-4
Ethanol	0% to 5%	64-17-5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and thus require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

The exact % composition has been withheld as a trade secret.

4. FIRST AID MEASURES

EYES: Flush with water for 15 minutes. See a physician if irritation persists.

SKIN: Rinse skin with soap and water. See a physician if irritation persists.

INGESTION: No adverse health effects anticipated by this route during proper industrial handling. In the event of ingestion, increase intake of liquid in order to flush from body. If symptoms persist, call a physician.

INHALATION: Remove the victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm and seek medical attention immediately.

NOTES TO PHYSICIAN: Immediate medical attention is not required.

5. FIRE FIGHTING MEASURES

AUTOIGNITION TEMPERATURE: This product will not auto-ignite.

FLAMMABLE CLASS: Not flammable.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES: None required.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Dike and contain spillage then collect with non-combustible absorbent material (e.g., sand, earth, diatomaceous earth, vermiculite). Scoop up material and place into suitable container(s) for disposal according to local and federal regulations.

Prevent product from entering storm drains. If the product contaminates rivers and lakes or drains inform respective authorities.

ENVIRONMENTAL PRECAUTIONS

Avoid discharges into open waterways. If the product contaminates storm drains, rivers and lakes inform respective authorities.

Avoid discharge to soil. Contain spillage and collect discharge/spilled materials then place in container for disposal according to local and federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Keep containers closed when not in use.
For professional use only.
Keep out of reach from children.
Smoking, eating and drinking should be prohibited in the work area.

CONDITIONS FOR STORAGE INCLUDING ANY INCOMPATIBILITIES

Store in a dry, cool place, away from direct sunlight, sources of intense heat, or freezing temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS

Components	CAS No.	Limits
Carbon black PBk 7, CI 77266	1333-86-4	ACGIH TLV: 3.0 mg/m ³ TWA, inhalable OSHA PEL: 3.5 mg/m ³ TWA, inhalable
Ethanol	64-17-5	ACGIH TLV: 1000 ppm, 15 min. ; OSHA PEL: 1000 ppm, 8 hrs ; NIOSH REL: 1000 ppm, 10 hrs.

ENGINEERING CONTROLS: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

SKIN: Impervious gloves.

RESPIRATORY: Use NIOSH approved respirators when permissible exposure limits are exceeded.

WORK HYGIENIC PRACTICES:

Keep containers closed when not in use.
Wash hands before breaks and at the end of work day.

OTHER PROTECTIVE EQUIPMENT:

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOR: Colored liquid
ODOR: Low odor
ODOR THRESHOLD: No data available
pH: Not available.
MELTING POINT(°F): Not available.
BOILING POINT(°F): 212.0 TO 448.0
FLASH POINT (°F): >200.0, TCC
LOWER EXPLOSION LIMIT(%): Not applicable
UPPER EXPLOSION LIMIT(%): Not applicable
VAPOR DENSITY: Heavier than air.
VAPOR PRESSURE, ESTIMATED(68°F): Not available
DENSITY (lbs/gal.): 8.4181
SOLIDS IN WT. %: 6.5557
EVAPORATION RATE: Not available
SOLUBILITY IN WATER: Miscible
VOC (grams/liter): 24.1254

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

INCOMPATIBLE MATERIALS: Strong acids, bases and oxidizing agents.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL EFFECTS

ACUTE TOXICITY: Not classified.

POTENTIAL HEALTH EFFECTS:

EYES: Causes mild eye irritation.

SKIN: No hazard during normal use.

SKIN ABSORPTION: No hazard during normal industrial use.

INGESTION: No hazard during normal industrial use.

INHALATION: No hazard during normal industrial use.

CARCINOGENICITY: IARC (International Agency for Research on Cancer) has classified carbon black as Group 2B; possibly carcinogenic to humans. Assessment on toxicity for carbon black; non-toxic after a single ingestion and/or skin contact, no deaths at the highest dose tested after short-term inhalation.

NTP: No

IARC: Yes

OSHA: No

MUTAGENICITY: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS:

No known significant effects or critical hazards.

PERSISTENCE AND DEGRADABILITY:

Biodegradability: No known significant effects or critical hazards.
Mobility in soil : No known significant effects or critical hazards.
Bioaccumulation: No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

EMPTY CONTAINER: Empty remaining contents. Dispose of as unused product as hazardous waste. Do not re-use empty containers. Do not burn nor use cutting tools on the empty containers.

RCRA/EPA WASTE INFORMATION: Obey all local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

SHIPPING NAME: Not regulated

SHIPPING DESCRIPTION: Not regulated

IMDG: Not regulated

IATA: Not regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

Section 302/304 : No chemicals subject to the reporting requirements of SARA Title III, Section 302.

Section 311/312 : None

Section 313 : The product does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

TSCA INVENTORY: All components are listed or exempted.

CERCLA INFORMATION : This material does not contain any components with a CERCLA RQ.

CA PROPOSITION 65 :

WARNING: This product can expose you to chemical(s) including [Carbon black] which is known to the State of California to cause cancer.

STATE RTK:

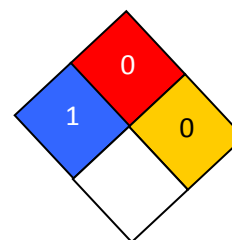
NJ, PA, MA

Carbon black CAS# 1333-86-4

16. OTHER INFORMATION

HMIS RATING	
Health :	1
Flammability :	0
Reactivity :	0
Personal Protection :	B

NFPA CODES



DISCLAIMER : THE INFORMATION OR RECOMMENDATIONS CONTAINED HEREIN ARE BASED ON INFORMATION OBTAINED FROM SOURCES WHICH WE BELIEVE ARE RELIABLE AND ARE PROPRIETARY AND ARE FURNISHED SOLELY FOR THE USE OF OUR CUSTOMERS. SINCE IT IS IMPOSSIBLE FOR US TO DETERMINE THE PRECISE CONDITIONS UNDER WHICH OUR PRODUCTS WILL BE USED, NEITHER EMPIRE INK NOR ITS AFFILIATES CAN ACCEPT RESPONSIBILITY FOR LOSS, INJURY OR OTHER DAMAGES RESULTING FROM THE USE OF THE PRODUCT OR THIS OR ANY OTHER INFORMATION PROVIDED BY US. USERS ARE ADVISED TO MAKE THEIR OWN TESTS TO DETERMINE THE SAFETY, SUITABILITY, AND RELEVANCE OF FEDERAL AND LOCAL LAW TO THE PRODUCT AS IT IS TO BE USED BY THEM. THEREFORE NO GUARANTEE OF ANY KIND EXPRESSED OR IMPLIED, INCLUDING THOSE OF FITNESS OR MERCHANTABILITY, ARE MADE BY EMPIRE INK OR THE AFFILIATES WITH REGARD TO ANY OF THEIR PRODUCTS.

SAFETY DATA SHEET



DATE ISSUED :	10/26/2018
MSDS REF. No :	CTD 7202

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: XTRA DARK BLACK

PRODUCT CODE: CTD 7202

PHYSICAL APPEARANCE: Fluid colored liquid with low odor

MANUFACTURER

Colt's Timeless Tattoos/Empire Inks
2065 American Drive, Suite C
Neenah, Wisconsin
(920) 666-8775

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

GHS CLASSIFICATION

Not classified.

SIGNAL WORD: Not a hazardous substance or preparation according to the Global Harmonized System (GHS).

HAZARD STATEMENT(S):

No known significant effects or critical effects.

PRECAUTIONARY STATEMENT(S):

Not applicable

OTHER HAZARDS:

Hazards not otherwise classified (HNOC).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Water	80% to 90%	7732-18-5
Carbon black PBk 7, CI 77266	5% to 10%	1333-86-4
Ethanol	0% to 5%	64-17-5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and thus require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

The exact % composition has been withheld as a trade secret.

4. FIRST AID MEASURES

EYES: Flush with water for 15 minutes. See a physician if irritation persists.

SKIN: Rinse skin with soap and water. See a physician if irritation persists.

INGESTION: No adverse health effects anticipated by this route during proper industrial handling. In the event of ingestion, increase intake of liquid in order to flush from body. If symptoms persist, call a physician.

INHALATION: Remove the victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm and seek medical attention immediately.

NOTES TO PHYSICIAN: Immediate medical attention is not required.

5. FIRE FIGHTING MEASURES

AUTOIGNITION TEMPERATURE: This product will not auto-ignite.

FLAMMABLE CLASS: Not flammable.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES: None required.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Dike and contain spillage then collect with non-combustible absorbent material (e.g., sand, earth, diatomaceous earth, vermiculite). Scoop up material and place into suitable container(s) for disposal according to local and federal regulations.

Prevent product from entering storm drains. If the product contaminates rivers and lakes or drains inform respective authorities.

ENVIRONMENTAL PRECAUTIONS

Avoid discharges into open waterways. If the product contaminates storm drains, rivers and lakes inform respective authorities.

Avoid discharge to soil. Contain spillage and collect discharge/spilled materials then place in container for disposal according to local and federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Keep containers closed when not in use.
For professional use only.
Keep out of reach from children.
Smoking, eating and drinking should be prohibited in the work area.

CONDITIONS FOR STORAGE INCLUDING ANY INCOMPATIBILITIES

Store in a dry, cool place, away from direct sunlight, sources of intense heat, or freezing temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS

Components	CAS No.	Limits
Carbon black PBk 7, CI 77266	1333-86-4	ACGIH TLV: 3.0 mg/m ³ TWA, inhalable OSHA PEL: 3.5 mg/m ³ TWA, inhalable
Ethanol	64-17-5	ACGIH TLV: 1000 ppm, 15 min. ; OSHA PEL: 1000 ppm, 8 hrs ; NIOSH REL: 1000 ppm, 10 hrs.

ENGINEERING CONTROLS: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

SKIN: Impervious gloves.

RESPIRATORY: Use NIOSH approved respirators when permissible exposure limits are exceeded.

WORK HYGIENIC PRACTICES:

Keep containers closed when not in use.
Wash hands before breaks and at the end of work day.

OTHER PROTECTIVE EQUIPMENT:

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOR: Colored liquid
ODOR: Low odor
ODOR THRESHOLD: No data available
pH: Not available.
MELTING POINT(°F): Not available.
BOILING POINT(°F): 212.0 TO 448.0
FLASH POINT (°F): >200.0, TCC
LOWER EXPLOSION LIMIT(%): Not applicable
UPPER EXPLOSION LIMIT(%): Not applicable
VAPOR DENSITY: Heavier than air.
VAPOR PRESSURE, ESTIMATED(68°F): Not available
DENSITY (lbs/gal.): 8.4664
SOLIDS IN WT. %: 8.8911
EVAPORATION RATE: Not available
SOLUBILITY IN WATER: Miscible
VOC (grams/liter): 24.5615

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

INCOMPATIBLE MATERIALS: Strong acids, bases and oxidizing agents.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL EFFECTS

ACUTE TOXICITY: Not classified.

POTENTIAL HEALTH EFFECTS:

EYES: Causes mild eye irritation.

SKIN: No hazard during normal use.

SKIN ABSORPTION: No hazard during normal industrial use.

INGESTION: No hazard during normal industrial use.

INHALATION: No hazard during normal industrial use.

CARCINOGENICITY: IARC (International Agency for Research on Cancer) has classified carbon black as Group 2B; possibly carcinogenic to humans. Assessment on toxicity for carbon black; non-toxic after a single ingestion and/or skin contact, no deaths at the highest dose tested after short-term inhalation.

NTP: No

IARC: Yes

OSHA: No

MUTAGENICITY: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS:

No known significant effects or critical hazards.

PERSISTENCE AND DEGRADABILITY:

Biodegradability: No known significant effects or critical hazards.
Mobility in soil : No known significant effects or critical hazards.
Bioaccumulation: No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

EMPTY CONTAINER: Empty remaining contents. Dispose of as unused product as hazardous waste. Do not re-use empty containers. Do not burn nor use cutting tools on the empty containers.

RCRA/EPA WASTE INFORMATION: Obey all local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

SHIPPING NAME: Not regulated

SHIPPING DESCRIPTION: Not regulated

IMDG: Not regulated

IATA: Not regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

Section 302/304 : No chemicals subject to the reporting requirements of SARA Title III, Section 302.

Section 311/312 : None

Section 313 : The product does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

TSCA INVENTORY: All components are listed or exempted.

CERCLA INFORMATION : This material does not contain any components with a CERCLA RQ.

CA PROPOSITION 65 :

WARNING: This product can expose you to chemical(s) including [Carbon black] which is known to the State of California to cause cancer.

STATE RTK:

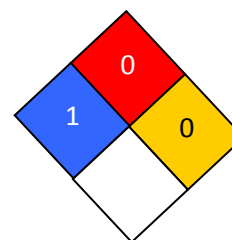
NJ, PA, MA

Carbon black CAS# 1333-86-4

16. OTHER INFORMATION

HMIS RATING	
Health :	0
Flammability :	0
Reactivity :	0
Personal Protection :	B

NFPA CODES



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SAFETY DATA SHEET



DATE ISSUED :	10/26/2018
MSDS REF. No :	CWD 7432

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BLOCK IN BLACK

PRODUCT CODE: CWD 7432

PHYSICAL APPEARANCE: Fluid colored liquid with low odor

MANUFACTURER

Colt's Timeless Tattoos/Empire Inks
2065 American Drive, Suite C
Neenah, Wisconsin
(920) 666-8775

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

GHS CLASSIFICATION

Eye irritation, 2B

SIGNAL WORD: Warning

HAZARD STATEMENT(S):

H320 Causes eye irritation.

PRECAUTIONARY STATEMENT(S):

P280 Wear eye/face protection.

P264 Wash with plenty of water and soap thoroughly after handling.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P311 If eye irritation persists: Call a POISON CENTER or doctor/physician.

OTHER HAZARDS:

Hazards not otherwise classified (HNOC).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Water	70% to 80%	7732-18-5
Carbon black PBk 7, CI 77266	10% to 20%	1333-86-4

Ethanol	0% to 5%	64-17-5
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There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and thus require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

The exact % composition has been withheld as a trade secret.

4. FIRST AID MEASURES

EYES: Flush with water for 15 minutes. See a physician if irritation persists.

SKIN: Rinse skin with soap and water. See a physician if irritation persists.

INGESTION: No adverse health effects anticipated by this route during proper industrial handling. In the event of ingestion, increase intake of liquid in order to flush from body. If symptoms persist, call a physician.

INHALATION: Remove the victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm and seek medical attention immediately.

NOTES TO PHYSICIAN: Immediate medical attention is not required.

5. FIRE FIGHTING MEASURES

AUTOIGNITION TEMPERATURE: This product will not auto-ignite.

FLAMMABLE CLASS: Not flammable.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES: None required.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Dike and contain spillage then collect with non-combustible absorbent material (e.g., sand, earth, diatomaceous earth, vermiculite). Scoop up material and place into suitable container(s) for disposal according to local and federal regulations.

Prevent product from entering storm drains. If the product contaminates rivers and lakes or drains inform respective authorities.

ENVIRONMENTAL PRECAUTIONS

Avoid discharges into open waterways. If the product contaminates storm drains, rivers and lakes inform respective authorities.

Avoid discharge to soil. Contain spillage and collect discharge/spilled materials then place in container for disposal according to local and federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Keep containers closed when not in use.

For professional use only.

Keep out of reach from children.

Smoking, eating and drinking should be prohibited in the work area.

CONDITIONS FOR STORAGE INCLUDING ANY INCOMPATIBILITIES

Store in a dry, cool place, away from direct sunlight, sources of intense heat, or freezing temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS

Components	CAS No.	Limits
Carbon black PBk 7, CI 77266	1333-86-4	ACGIH TLV: 3.0 mg/m ³ TWA, inhalable OSHA PEL: 3.5 mg/m ³ TWA, inhalable
Ethanol	64-17-5	ACGIH TLV: 1000 ppm, 15 min. ; OSHA PEL: 1000 ppm, 8 hrs ; NIOSH REL: 1000 ppm, 10 hrs.

ENGINEERING CONTROLS: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

SKIN: Impervious gloves.

RESPIRATORY: Use NIOSH approved respirators when permissible exposure limits are exceeded.

WORK HYGIENIC PRACTICES:

Keep containers closed when not in use.

Wash hands before breaks and at the end of work day.

OTHER PROTECTIVE EQUIPMENT:

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOR: Colored liquid

ODOR: Low odor

ODOR THRESHOLD: No data available

pH: Not available.

MELTING POINT(°F): Not available.

BOILING POINT(°F): 212.0 TO 448.0

FLASH POINT (°F): >200.0, TCC

LOWER EXPLOSION LIMIT(%): Not applicable

UPPER EXPLOSION LIMIT(%): Not applicable

VAPOR DENSITY: Heavier than air.

VAPOR PRESSURE, ESTIMATED(68°F): Not available

DENSITY (lbs/gal.): 8.5412

SOLIDS IN WT. %: 14.9980

EVAPORATION RATE: Not available

SOLUBILITY IN WATER: Miscible

VOC (grams/liter): 48.8103

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

INCOMPATIBLE MATERIALS: Strong acids, bases and oxidizing agents.

11. TOXICOLOGICAL INFORMATION**TOXICOLOGICAL EFFECTS**

ACUTE TOXICITY: Not classified.

POTENTIAL HEALTH EFFECTS:

EYES: Causes mild eye irritation.

SKIN: No hazard during normal use.

SKIN ABSORPTION: No hazard during normal industrial use.

INGESTION: No hazard during normal industrial use.

INHALATION: No hazard during normal industrial use.

CARCINOGENICITY: IARC (International Agency for Research on Cancer) has classified carbon black as Group 2B; possibly carcinogenic to humans. Assessment on toxicity for carbon black;

non-toxic after a single ingestion and/or skin contact, no deaths at the highest dose tested after short-term inhalation.

NTP: No
IARC: Yes
OSHA: No

MUTAGENICITY: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS:

No known significant effects or critical hazards.

PERSISTENCE AND DEGRADABILITY:

Biodegradability: No known significant effects or critical hazards.
Mobility in soil : No known significant effects or critical hazards.
Bioaccumulation: No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

EMPTY CONTAINER: Empty remaining contents. Dispose of as unused product as hazardous waste. Do not re-use empty containers. Do not burn nor use cutting tools on the empty containers.

RCRA/EPA WASTE INFORMATION: Obey all local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

SHIPPING NAME: Not regulated

SHIPPING DESCRIPTION: Not regulated

IMDG: Not regulated

IATA: Not regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

Section 302/304 : No chemicals subject to the reporting requirements of SARA Title III, Section 302.

Section 311/312 : None

Section 313 : The product does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

TSCA INVENTORY: All components are listed or exempted.

CERCLA INFORMATION : This material does not contain any components with a CERCLA RQ.

CA PROPOSITION 65 :

WARNING: This product can expose you to chemical(s) including [Carbon black] which is known to the State of California to cause cancer.

STATE RTK:

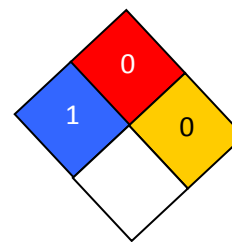
NJ, PA, MA

Carbon black CAS# 1333-86-4

16. OTHER INFORMATION

HMIS RATING	
Health :	1
Flammability :	0
Reactivity :	0
Personal Protection :	B

NFPA CODES



DISCLAIMER : THE INFORMATION OR RECOMMENDATIONS CONTAINED HEREIN ARE BASED ON INFORMATION OBTAINED FROM SOURCES WHICH WE BELIEVE ARE RELIABLE AND ARE PROPRIETARY AND ARE FURNISHED SOLELY FOR THE USE OF OUR CUSTOMERS. SINCE IT IS IMPOSSIBLE FOR US TO DETERMINE THE PRECISE CONDITIONS UNDER WHICH OUR PRODUCTS WILL BE USED, NEITHER EMPIRE INK NOR ITS AFFILIATES CAN ACCEPT RESPONSIBILITY FOR LOSS, INJURY OR OTHER DAMAGES RESULTING FROM THE USE OF THE PRODUCT OR THIS OR ANY OTHER INFORMATION PROVIDED BY US. USERS ARE ADVISED TO MAKE THEIR OWN TESTS TO DETERMINE THE SAFETY, SUITABILITY, AND RELEVANCE OF FEDERAL AND LOCAL LAW TO THE PRODUCT AS IT IS TO BE USED BY THEM. THEREFORE NO GUARANTEE OF ANY KIND EXPRESSED OR IMPLIED, INCLUDING THOSE OF FITNESS OR MERCHANTABILITY, ARE MADE BY EMPIRE INK OR THE AFFILIATES WITH REGARD TO ANY OF THEIR PRODUCTS.

SAFETY DATA SHEET



DATE ISSUED :	10/26/2018
MSDS REF. No :	CWD 7431

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: IVORY BLACK

PRODUCT CODE: CWD 7431

PHYSICAL APPEARANCE: Fluid colored liquid with low odor

MANUFACTURER

Colt's Timeless Tattoos/Empire Inks
2065 American Drive, Suite C
Neenah, Wisconsin
(920) 666-8775

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

GHS CLASSIFICATION

Eye irritation, 2B

SIGNAL WORD: Warning

HAZARD STATEMENT(S):

H320 Causes eye irritation.

PRECAUTIONARY STATEMENT(S):

P280 Wear eye/face protection.

P264 Wash with plenty of water and soap thoroughly after handling.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P311 If eye irritation persists: Call a POISON CENTER or doctor/physician.

OTHER HAZARDS:

Hazards not otherwise classified (HNOC).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Water	50% to 60%	7732-18-5
Carbon black PBk 7, CI 77266	30% to 40%	1333-86-4

Ethanol	0% to 5%	64-17-5
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There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and thus require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

The exact % composition has been withheld as a trade secret.

4. FIRST AID MEASURES

EYES: Flush with water for 15 minutes. See a physician if irritation persists.

SKIN: Rinse skin with soap and water. See a physician if irritation persists.

INGESTION: No adverse health effects anticipated by this route during proper industrial handling. In the event of ingestion, increase intake of liquid in order to flush from body. If symptoms persist, call a physician.

INHALATION: Remove the victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm and seek medical attention immediately.

NOTES TO PHYSICIAN: Immediate medical attention is not required.

5. FIRE FIGHTING MEASURES

AUTOIGNITION TEMPERATURE: This product will not auto-ignite.

FLAMMABLE CLASS: Not flammable.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES: None required.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Dike and contain spillage then collect with non-combustible absorbent material (e.g., sand, earth, diatomaceous earth, vermiculite). Scoop up material and place into suitable container(s) for disposal according to local and federal regulations.

Prevent product from entering storm drains. If the product contaminates rivers and lakes or drains inform respective authorities.

ENVIRONMENTAL PRECAUTIONS

Avoid discharges into open waterways. If the product contaminates storm drains, rivers and lakes inform respective authorities.

Avoid discharge to soil. Contain spillage and collect discharge/spilled materials then place in container for disposal according to local and federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Keep containers closed when not in use.

For professional use only.

Keep out of reach from children.

Smoking, eating and drinking should be prohibited in the work area.

CONDITIONS FOR STORAGE INCLUDING ANY INCOMPATIBILITIES

Store in a dry, cool place, away from direct sunlight, sources of intense heat, or freezing temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS

Components	CAS No.	Limits
Carbon black PBk 7, CI 77266	1333-86-4	ACGIH TLV: 3.0 mg/m ³ TWA, inhalable OSHA PEL: 3.5 mg/m ³ TWA, inhalable
Ethanol	64-17-5	ACGIH TLV: 1000 ppm, 15 min. ; OSHA PEL: 1000 ppm, 8 hrs ; NIOSH REL: 1000 ppm, 10 hrs.

ENGINEERING CONTROLS: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

SKIN: Impervious gloves.

RESPIRATORY: Use NIOSH approved respirators when permissible exposure limits are exceeded.

WORK HYGIENIC PRACTICES:

Keep containers closed when not in use.

Wash hands before breaks and at the end of work day.

OTHER PROTECTIVE EQUIPMENT:

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOR: Colored liquid

ODOR: Low odor

ODOR THRESHOLD: No data available

pH: Not available.

MELTING POINT(°F): Not available.

BOILING POINT(°F): 212.0 TO 449.0

FLASH POINT (°F): >200.0, TCC

LOWER EXPLOSION LIMIT(%): Not applicable

UPPER EXPLOSION LIMIT(%): Not applicable

VAPOR DENSITY: Heavier than air.

VAPOR PRESSURE, ESTIMATED(68°F): Not available

DENSITY (lbs/gal.): 9.1297

SOLIDS IN WT. %: 40.3154

EVAPORATION RATE: Not available

SOLUBILITY IN WATER: Miscible

VOC (grams/liter): 46.0885

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

INCOMPATIBLE MATERIALS: Strong acids, bases and oxidizing agents.

11. TOXICOLOGICAL INFORMATION**TOXICOLOGICAL EFFECTS**

ACUTE TOXICITY: Not classified.

POTENTIAL HEALTH EFFECTS:

EYES: Causes mild eye irritation.

SKIN: No hazard during normal use.

SKIN ABSORPTION: No hazard during normal industrial use.

INGESTION: No hazard during normal industrial use.

INHALATION: No hazard during normal industrial use.

CARCINOGENICITY: IARC (International Agency for Research on Cancer) has classified carbon black as Group 2B; possibly carcinogenic to humans. Assessment on toxicity for carbon black;

non-toxic after a single ingestion and/or skin contact, no deaths at the highest dose tested after short-term inhalation.

NTP: No
IARC: Yes
OSHA: No

MUTAGENICITY: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS:

No known significant effects or critical hazards.

PERSISTENCE AND DEGRADABILITY:

Biodegradability: No known significant effects or critical hazards.
Mobility in soil : No known significant effects or critical hazards.
Bioaccumulation: No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

EMPTY CONTAINER: Empty remaining contents. Dispose of as unused product as hazardous waste. Do not re-use empty containers. Do not burn nor use cutting tools on the empty containers.

RCRA/EPA WASTE INFORMATION: Obey all local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

SHIPPING NAME: Not regulated

SHIPPING DESCRIPTION: Not regulated

IMDG: Not regulated

IATA: Not regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

Section 302/304 : No chemicals subject to the reporting requirements of SARA Title III, Section 302.

Section 311/312 : None

Section 313 : The product does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

TSCA INVENTORY: All components are listed or exempted.

CERCLA INFORMATION : This material does not contain any components with a CERCLA RQ.

CA PROPOSITION 65 :

WARNING: This product can expose you to chemical(s) including [Carbon black] which is known to the State of California to cause cancer.

STATE RTK:

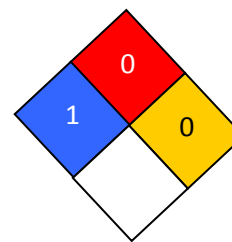
NJ, PA, MA

Carbon black CAS# 1333-86-4

16. OTHER INFORMATION

HMIS RATING	
Health :	1
Flammability :	0
Reactivity :	0
Personal Protection :	B

NFPA CODES



DISCLAIMER : THE INFORMATION OR RECOMMENDATIONS CONTAINED HEREIN ARE BASED ON INFORMATION OBTAINED FROM SOURCES WHICH WE BELIEVE ARE RELIABLE AND ARE PROPRIETARY AND ARE FURNISHED SOLELY FOR THE USE OF OUR CUSTOMERS. SINCE IT IS IMPOSSIBLE FOR US TO DETERMINE THE PRECISE CONDITIONS UNDER WHICH OUR PRODUCTS WILL BE USED, NEITHER EMPIRE INK NOR ITS AFFILIATES CAN ACCEPT RESPONSIBILITY FOR LOSS, INJURY OR OTHER DAMAGES RESULTING FROM THE USE OF THE PRODUCT OR THIS OR ANY OTHER INFORMATION PROVIDED BY US. USERS ARE ADVISED TO MAKE THEIR OWN TESTS TO DETERMINE THE SAFETY, SUITABILITY, AND RELEVANCE OF FEDERAL AND LOCAL LAW TO THE PRODUCT AS IT IS TO BE USED BY THEM. THEREFORE NO GUARANTEE OF ANY KIND EXPRESSED OR IMPLIED, INCLUDING THOSE OF FITNESS OR MERCHANTABILITY, ARE MADE BY EMPIRE INK OR THE AFFILIATES WITH REGARD TO ANY OF THEIR PRODUCTS.

SAFETY DATA SHEET



DATE ISSUED :	10/26/2018
MSDS REF. No :	CWD 7437

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LIGHT WHITEWASH

PRODUCT CODE: CWD 7437

PHYSICAL APPEARANCE: Fluid colored liquid with low odor

MANUFACTURER

Colt's Timeless Tattoos/Empire Inks
2065 American Drive, Suite C
Neenah, Wisconsin
(920) 666-8775

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

GHS CLASSIFICATION

Not classified.

SIGNAL WORD: Not a hazardous substance or preparation according to the Global Harmonized System (GHS).

HAZARD STATEMENT(S):

No known significant effects or critical effects.

PRECAUTIONARY STATEMENT(S):

Not applicable

OTHER HAZARDS:

Hazards not otherwise classified (HNOC).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Water	90% to 95%	7732-18-5
Titanium Dioxide, PW 6, CI 77891	0% to 5%	13463-67-7
Carbon black PBk 7, CI 77266	0% to 5%	1333-86-4
Ethanol	0% to 5%	64-17-5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and thus require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

The exact % composition has been withheld as a trade secret.

4. FIRST AID MEASURES

EYES: Flush with water for 15 minutes. See a physician if irritation persists.

SKIN: Rinse skin with soap and water. See a physician if irritation persists.

INGESTION: No adverse health effects anticipated by this route during proper industrial handling. In the event of ingestion, increase intake of liquid in order to flush from body. If symptoms persist, call a physician.

INHALATION: Remove the victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm and seek medical attention immediately.

NOTES TO PHYSICIAN: Immediate medical attention is not required.

5. FIRE FIGHTING MEASURES

AUTOIGNITION TEMPERATURE: This product will not auto-ignite.

FLAMMABLE CLASS: Not flammable.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES: None required.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Dike and contain spillage then collect with non-combustible absorbent material (e.g., sand, earth, diatomaceous earth, vermiculite). Scoop up material and place into suitable container(s) for disposal according to local and federal regulations.

Prevent product from entering storm drains. If the product contaminates rivers and lakes or drains inform respective authorities.

ENVIRONMENTAL PRECAUTIONS

Avoid discharges into open waterways. If the product contaminates storm drains, rivers and lakes inform respective authorities.

Avoid discharge to soil. Contain spillage and collect discharge/spilled materials then place in container for disposal according to local and federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Keep containers closed when not in use.

For professional use only.

Keep out of reach from children.

Smoking, eating and drinking should be prohibited in the work area.

CONDITIONS FOR STORAGE INCLUDING ANY INCOMPATIBILITIES

Store in a dry, cool place, away from direct sunlight, sources of intense heat, or freezing temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS

Components	CAS No.	Limits
Titanium Dioxide, PW 6, CI 77891	13463-67-7	PEL 5mg/m ³ (respirable dust); TLV 10mg/m ³ (total dust)
Carbon black PBk 7, CI 77266	1333-86-4	ACGIH TLV: 3.0 mg/m ³ TWA, inhalable OSHA PEL: 3.5 mg/m ³ TWA, inhalable
Ethanol	64-17-5	ACGIH TLV: 1000 ppm, 15 min. ; OSHA PEL: 1000 ppm, 8 hrs ; NIOSH REL: 1000 ppm, 10 hrs.

ENGINEERING CONTROLS: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

SKIN: Impervious gloves.

RESPIRATORY: Use NIOSH approved respirators when permissible exposure limits are exceeded.

WORK HYGIENIC PRACTICES:

Keep containers closed when not in use.

Wash hands before breaks and at the end of work day.

OTHER PROTECTIVE EQUIPMENT:

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOR: Colored liquid

ODOR: Low odor

ODOR THRESHOLD: No data available

pH: Not available.

MELTING POINT(°F): Not available.

BOILING POINT(°F): 212.0 TO 449.0

FLASH POINT (°F): >200.0, TCC

LOWER EXPLOSION LIMIT(%): Not applicable

UPPER EXPLOSION LIMIT(%): Not applicable

VAPOR DENSITY: Heavier than air.

VAPOR PRESSURE, ESTIMATED(68°F): Not available

DENSITY (lbs/gal.): 8.4045

SOLIDS IN WT. %: 3.8835

EVAPORATION RATE: Not available

SOLUBILITY IN WATER: Miscible

VOC (grams/liter): 41.8989

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

INCOMPATIBLE MATERIALS: Strong acids, bases and oxidizing agents.

11. TOXICOLOGICAL INFORMATION**TOXICOLOGICAL EFFECTS**

ACUTE TOXICITY: Not classified.

POTENTIAL HEALTH EFFECTS:

EYES: Causes mild eye irritation.

SKIN: No hazard during normal use.

SKIN ABSORPTION: No hazard during normal industrial use.

INGESTION: No hazard during normal industrial use.

INHALATION: No hazard during normal industrial use.

CARCINOGENICITY: IARC (International Agency for Research on Cancer) has classified carbon black as Group 2B; possibly carcinogenic to humans. Assessment on toxicity for carbon black;

non-toxic after a single ingestion and/or skin contact, no deaths at the highest dose tested after short-term inhalation.

TITANIUM DIOXIDE (13463-67-7/236-675-5):

IARC: Monograph 93 [2010]; Monograph 47 [1989] (Group 2B(possibly carcinogenic to humans))

DFG: Category 3A (could be carcinogenic for man, inhalable fraction with the exception of ultra-small particles).

NTP: No

IARC: Yes

OSHA: No

MUTAGENICITY: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS:

No known significant effects or critical hazards.

PERSISTENCE AND DEGRADABILITY:

Biodegradability: No known significant effects or critical hazards.

Mobility in soil : No known significant effects or critical hazards.

Bioaccumulation: No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

EMPTY CONTAINER: Empty remaining contents. Dispose of as unused product as hazardous waste. Do not re-use empty containers. Do not burn nor use cutting tools on the empty containers.

RCRA/EPA WASTE INFORMATION: Obey all local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

SHIPPING NAME: Not regulated

SHIPPING DESCRIPTION: Not regulated

IMDG: Not regulated

IATA: Not regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

Section 302/304 : No chemicals subject to the reporting requirements of SARA Title III, Section 302.

Section 311/312 : None

Section 313 : The product does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

TSCA INVENTORY: All components are listed or exempted.

CERCLA INFORMATION : This material does not contain any components with a CERCLA RQ.

CA PROPOSITION 65 :

WARNING: This product can expose you to chemical(s) including Titanium Dioxide, Carbon Black which are known to the State of California to cause cancer.

STATE RTK:

PA

Titanium dioxide CAS# 13463-67-7

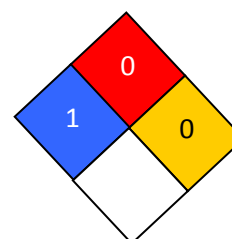
NJ, PA, MA

Carbon black CAS# 1333-86-4

16. OTHER INFORMATION

HMIS RATING	
Health :	1
Flammability :	0
Reactivity :	0
Personal Protection :	B

NFPA CODES



DISCLAIMER : THE INFORMATION OR RECOMMENDATIONS CONTAINED HEREIN ARE BASED ON INFORMATION OBTAINED FROM SOURCES WHICH WE BELIEVE ARE RELIABLE AND ARE PROPRIETARY AND ARE FURNISHED SOLELY FOR THE USE OF OUR CUSTOMERS. SINCE IT IS IMPOSSIBLE FOR US TO DETERMINE THE PRECISE CONDITIONS UNDER WHICH OUR PRODUCTS WILL BE USED, NEITHER EMPIRE INK NOR ITS AFFILIATES CAN ACCEPT RESPONSIBILITY FOR LOSS, INJURY OR OTHER DAMAGES RESULTING FROM THE USE OF THE PRODUCT OR THIS OR ANY OTHER INFORMATION PROVIDED BY US. USERS ARE ADVISED TO MAKE THEIR OWN TESTS TO DETERMINE THE SAFETY, SUITABILITY, AND RELEVANCE OF FEDERAL AND LOCAL LAW TO THE PRODUCT AS IT IS TO BE USED BY THEM. THEREFORE NO GUARANTEE OF ANY KIND EXPRESSED OR IMPLIED,

INCLUDING THOSE OF FITNESS OR MERCHANTABILITY, ARE MADE BY EMPIRE INK OR THE AFFILIATES WITH REGARD TO ANY OF THEIR PRODUCTS.

SAFETY DATA SHEET



DATE ISSUED :	10/26/2018
MSDS REF. No :	CWD 7438

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MEDIUM WHITEWASH

PRODUCT CODE: CWD 7438

PHYSICAL APPEARANCE: Fluid colored liquid with low odor

MANUFACTURER

Colt's Timeless Tattoos/Empire Inks
2065 American Drive, Suite C
Neenah, Wisconsin
(920) 666-8775

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

GHS CLASSIFICATION

Not classified.

SIGNAL WORD: Not a hazardous substance or preparation according to the Global Harmonized System (GHS).

HAZARD STATEMENT(S):

No known significant effects or critical effects.

PRECAUTIONARY STATEMENT(S):

Not applicable

OTHER HAZARDS:

Hazards not otherwise classified (HNOC).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Water	90% to 95%	7732-18-5
Titanium Dioxide, PW 6, CI 77891	0% to 5%	13463-67-7
Carbon black PBk 7, CI 77266	0% to 5%	1333-86-4
Ethanol	0% to 5%	64-17-5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and thus require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

The exact % composition has been withheld as a trade secret.

4. FIRST AID MEASURES

EYES: Flush with water for 15 minutes. See a physician if irritation persists.

SKIN: Rinse skin with soap and water. See a physician if irritation persists.

INGESTION: No adverse health effects anticipated by this route during proper industrial handling. In the event of ingestion, increase intake of liquid in order to flush from body. If symptoms persist, call a physician.

INHALATION: Remove the victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm and seek medical attention immediately.

NOTES TO PHYSICIAN: Immediate medical attention is not required.

5. FIRE FIGHTING MEASURES

AUTOIGNITION TEMPERATURE: This product will not auto-ignite.

FLAMMABLE CLASS: Not flammable.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES: None required.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Dike and contain spillage then collect with non-combustible absorbent material (e.g., sand, earth, diatomaceous earth, vermiculite). Scoop up material and place into suitable container(s) for disposal according to local and federal regulations.

Prevent product from entering storm drains. If the product contaminates rivers and lakes or drains inform respective authorities.

ENVIRONMENTAL PRECAUTIONS

Avoid discharges into open waterways. If the product contaminates storm drains, rivers and lakes inform respective authorities.

Avoid discharge to soil. Contain spillage and collect discharge/spilled materials then place in container for disposal according to local and federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Keep containers closed when not in use.
For professional use only.
Keep out of reach from children.
Smoking, eating and drinking should be prohibited in the work area.

CONDITIONS FOR STORAGE INCLUDING ANY INCOMPATIBILITIES

Store in a dry, cool place, away from direct sunlight, sources of intense heat, or freezing temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS

Components	CAS No.	Limits
Titanium Dioxide, PW 6, CI 77891	13463-67-7	PEL 5mg/m ³ (respirable dust); TLV 10mg/m ³ (total dust)
Carbon black PBk 7, CI 77266	1333-86-4	ACGIH TLV: 3.0 mg/m ³ TWA, inhalable OSHA PEL: 3.5 mg/m ³ TWA, inhalable
Ethanol	64-17-5	ACGIH TLV: 1000 ppm, 15 min. ; OSHA PEL: 1000 ppm, 8 hrs ; NIOSH REL: 1000 ppm, 10 hrs.

ENGINEERING CONTROLS: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

SKIN: Impervious gloves.

RESPIRATORY: Use NIOSH approved respirators when permissible exposure limits are exceeded.

WORK HYGIENIC PRACTICES:

Keep containers closed when not in use.
Wash hands before breaks and at the end of work day.

OTHER PROTECTIVE EQUIPMENT:

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
COLOR: Colored liquid
ODOR: Low odor
ODOR THRESHOLD: No data available
pH: Not available.
MELTING POINT(°F): Not available.
BOILING POINT(°F): 212.0 TO 449.0
FLASH POINT (°F): >200.0, TCC
LOWER EXPLOSION LIMIT(%): Not applicable
UPPER EXPLOSION LIMIT(%): Not applicable
VAPOR DENSITY: Heavier than air.
VAPOR PRESSURE, ESTIMATED(68°F): Not available
DENSITY (lbs/gal.): 8.5973
SOLIDS IN WT. %: 9.2737
EVAPORATION RATE: Not available
SOLUBILITY IN WATER: Miscible
VOC (grams/liter): 41.6355

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

INCOMPATIBLE MATERIALS: Strong acids, bases and oxidizing agents.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL EFFECTS

ACUTE TOXICITY: Not classified.

POTENTIAL HEALTH EFFECTS:

EYES: Causes mild eye irritation.

SKIN: No hazard during normal use.

SKIN ABSORPTION: No hazard during normal industrial use.

INGESTION: No hazard during normal industrial use.

INHALATION: No hazard during normal industrial use.

CARCINOGENICITY: IARC (International Agency for Research on Cancer) has classified carbon black as Group 2B; possibly carcinogenic to humans. Assessment on toxicity for carbon black; non-toxic after a single ingestion and/or skin contact, no deaths at the highest dose tested after short-term inhalation.

TITANIUM DIOXIDE (13463-67-7/236-675-5):

IARC: Monograph 93 [2010]; Monograph 47 [1989] (Group 2B(possibly carcinogenic to humans))

DFG: Category 3A (could be carcinogenic for man, inhalable fraction with the exception of ultra-small particles).

NTP: No

IARC: Yes

OSHA: No

MUTAGENICITY: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS:

No known significant effects or critical hazards.

PERSISTENCE AND DEGRADABILITY:

Biodegradability: No known significant effects or critical hazards.

Mobility in soil : No known significant effects or critical hazards.

Bioaccumulation: No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

EMPTY CONTAINER: Empty remaining contents. Dispose of as unused product as hazardous waste. Do not re-use empty containers. Do not burn nor use cutting tools on the empty containers.

RCRA/EPA WASTE INFORMATION: Obey all local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

SHIPPING NAME: Not regulated

SHIPPING DESCRIPTION: Not regulated

IMDG: Not regulated

IATA: Not regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

Section 302/304 : No chemicals subject to the reporting requirements of SARA Title III, Section 302.

Section 311/312 : None

Section 313 : The product does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

TSCA INVENTORY: All components are listed or exempted.

CERCLA INFORMATION : This material does not contain any components with a CERCLA RQ.

CA PROPOSITION 65 :

WARNING: This product can expose you to chemical(s) including [Titanium Dioxide, Carbon Black] which are known to the State of California to cause cancer.

STATE RTK:

PA

Titanium dioxide CAS# 13463-67-7

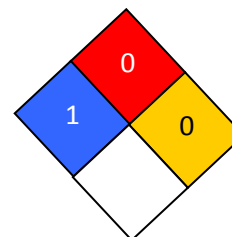
NJ, PA, MA

Carbon black CAS# 1333-86-4

16. OTHER INFORMATION

HMIS RATING	
Health :	1
Flammability :	0
Reactivity :	0
Personal Protection :	B

NFPA CODES



DISCLAIMER : THE INFORMATION OR RECOMMENDATIONS CONTAINED HEREIN ARE BASED ON INFORMATION OBTAINED FROM SOURCES WHICH WE BELIEVE ARE RELIABLE AND ARE PROPRIETARY AND ARE FURNISHED SOLELY FOR THE USE OF OUR CUSTOMERS. SINCE IT IS IMPOSSIBLE FOR US TO DETERMINE THE PRECISE CONDITIONS UNDER WHICH OUR PRODUCTS WILL BE USED, NEITHER EMPIRE INK NOR ITS AFFILIATES CAN ACCEPT RESPONSIBILITY FOR LOSS, INJURY OR OTHER DAMAGES RESULTING FROM THE USE OF THE PRODUCT OR THIS OR ANY OTHER INFORMATION PROVIDED BY US. USERS ARE ADVISED TO MAKE THEIR OWN TESTS TO DETERMINE THE SAFETY, SUITABILITY, AND RELEVANCE OF FEDERAL AND LOCAL LAW TO THE PRODUCT AS IT IS TO BE USED BY THEM. THEREFORE NO GUARANTEE OF ANY KIND EXPRESSED OR IMPLIED, INCLUDING THOSE OF FITNESS OR MERCHANTABILITY, ARE MADE BY EMPIRE INK OR THE AFFILIATES WITH REGARD TO ANY OF THEIR PRODUCTS.

SAFETY DATA SHEET



DATE ISSUED :	10/26/2018
MSDS REF. No :	CWD 7439

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: DARK WHITEWASH

PRODUCT CODE: CWD 7439

PHYSICAL APPEARANCE: Fluid colored liquid with low odor

MANUFACTURER

Colt's Timeless Tattoos/Empire Inks
2065 American Drive, Suite C
Neenah, Wisconsin
(920) 666-8775

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

GHS CLASSIFICATION

Not classified.

SIGNAL WORD: Not a hazardous substance or preparation according to the Global Harmonized System (GHS).

HAZARD STATEMENT(S):

No known significant effects or critical effects.

PRECAUTIONARY STATEMENT(S):

Not applicable

OTHER HAZARDS:

Hazards not otherwise classified (HNOC).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Water	80% to 90%	7732-18-5
Titanium Dioxide, PW 6, CI 77891	5% to 10%	13463-67-7
Carbon black PBk 7, CI 77266	0% to 5%	1333-86-4
Ethanol	0% to 5%	64-17-5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and thus require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

The exact % composition has been withheld as a trade secret.

4. FIRST AID MEASURES

EYES: Flush with water for 15 minutes. See a physician if irritation persists.

SKIN: Rinse skin with soap and water. See a physician if irritation persists.

INGESTION: No adverse health effects anticipated by this route during proper industrial handling. In the event of ingestion, increase intake of liquid in order to flush from body. If symptoms persist, call a physician.

INHALATION: Remove the victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm and seek medical attention immediately.

NOTES TO PHYSICIAN: Immediate medical attention is not required.

5. FIRE FIGHTING MEASURES

AUTOIGNITION TEMPERATURE: This product will not auto-ignite.

FLAMMABLE CLASS: Not flammable.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES: None required.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Dike and contain spillage then collect with non-combustible absorbent material (e.g., sand, earth, diatomaceous earth, vermiculite). Scoop up material and place into suitable container(s) for disposal according to local and federal regulations.

Prevent product from entering storm drains. If the product contaminates rivers and lakes or drains inform respective authorities.

ENVIRONMENTAL PRECAUTIONS

Avoid discharges into open waterways. If the product contaminates storm drains, rivers and lakes inform respective authorities.

Avoid discharge to soil. Contain spillage and collect discharge/spilled materials then place in container for disposal according to local and federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Keep containers closed when not in use.
For professional use only.
Keep out of reach from children.
Smoking, eating and drinking should be prohibited in the work area.

CONDITIONS FOR STORAGE INCLUDING ANY INCOMPATIBILITIES

Store in a dry, cool place, away from direct sunlight, sources of intense heat, or freezing temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS

Components	CAS No.	Limits
Titanium Dioxide, PW 6, CI 77891	13463-67-7	PEL 5mg/m ³ (respirable dust); TLV 10mg/m ³ (total dust)
Carbon black PBk 7, CI 77266	1333-86-4	ACGIH TLV: 3.0 mg/m ³ TWA, inhalable OSHA PEL: 3.5 mg/m ³ TWA, inhalable
Ethanol	64-17-5	ACGIH TLV: 1000 ppm, 15 min. ; OSHA PEL: 1000 ppm, 8 hrs ; NIOSH REL: 1000 ppm, 10 hrs.

ENGINEERING CONTROLS: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

SKIN: Impervious gloves.

RESPIRATORY: Use NIOSH approved respirators when permissible exposure limits are exceeded.

WORK HYGIENIC PRACTICES:

Keep containers closed when not in use.
Wash hands before breaks and at the end of work day.

OTHER PROTECTIVE EQUIPMENT:

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
COLOR: Colored liquid
ODOR: Low odor
ODOR THRESHOLD: No data available
pH: Not available.
MELTING POINT(°F): Not available.
BOILING POINT(°F): 212.0 TO 449.0
FLASH POINT (°F): >200.0, TCC
LOWER EXPLOSION LIMIT(%): Not applicable
UPPER EXPLOSION LIMIT(%): Not applicable
VAPOR DENSITY: Heavier than air.
VAPOR PRESSURE, ESTIMATED(68°F): Not available
DENSITY (lbs/gal.): 8.8716
SOLIDS IN WT. %: 14.1846
EVAPORATION RATE: Not available
SOLUBILITY IN WATER: Miscible
VOC (grams/liter): 40.6414

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

INCOMPATIBLE MATERIALS: Strong acids, bases and oxidizing agents.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL EFFECTS

ACUTE TOXICITY: Not classified.

POTENTIAL HEALTH EFFECTS:

EYES: Causes mild eye irritation.

SKIN: No hazard during normal use.

SKIN ABSORPTION: No hazard during normal industrial use.

INGESTION: No hazard during normal industrial use.

INHALATION: No hazard during normal industrial use.

CARCINOGENICITY: IARC (International Agency for Research on Cancer) has classified carbon black as Group 2B; possibly carcinogenic to humans. Assessment on toxicity for carbon black; non-toxic after a single ingestion and/or skin contact, no deaths at the highest dose tested after short-term inhalation.

TITANIUM DIOXIDE (13463-67-7/236-675-5):

IARC: Monograph 93 [2010]; Monograph 47 [1989] (Group 2B(possibly carcinogenic to humans))

DFG: Category 3A (could be carcinogenic for man, inhalable fraction with the exception of ultra-small particles).

NTP: No

IARC: Yes

OSHA: No

MUTAGENICITY: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS:

No known significant effects or critical hazards.

PERSISTENCE AND DEGRADABILITY:

Biodegradability: No known significant effects or critical hazards.

Mobility in soil : No known significant effects or critical hazards.

Bioaccumulation: No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

EMPTY CONTAINER: Empty remaining contents. Dispose of as unused product as hazardous waste. Do not re-use empty containers. Do not burn nor use cutting tools on the empty containers.

RCRA/EPA WASTE INFORMATION: Obey all local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

SHIPPING NAME: Not regulated

SHIPPING DESCRIPTION: Not regulated

IMDG: Not regulated

IATA: Not regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

Section 302/304 : No chemicals subject to the reporting requirements of SARA Title III, Section 302.

Section 311/312 : None

Section 313 : The product does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

TSCA INVENTORY: All components are listed or exempted.

CERCLA INFORMATION : This material does not contain any components with a CERCLA RQ.

CA PROPOSITION 65 :

WARNING: This product can expose you to chemical(s) including [Titanium Dioxide, Carbon Black] which are known to the State of California to cause cancer.

STATE RTK:

PA

Titanium dioxide CAS# 13463-67-7

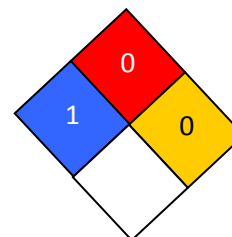
NJ, PA, MA

Carbon black CAS# 1333-86-4

16. OTHER INFORMATION

HMIS RATING	
Health :	1
Flammability :	0
Reactivity :	0
Personal Protection :	B

NFPA CODES



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SAFETY DATA SHEET



DATE ISSUED :	10/26/2018
MSDS REF. No :	CTD 1200

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: WHITE

PRODUCT CODE: CTD 1200

PHYSICAL APPEARANCE: Fluid colored liquid with low odor

MANUFACTURER

Colt's Timeless Tattoos/Empire Inks
2065 American Drive, Suite C
Neenah, Wisconsin
(920) 666-8775

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

GHS CLASSIFICATION

Eye irritation, 2B

SIGNAL WORD: Warning

HAZARD STATEMENT(S):

H320 Causes eye irritation.

PRECAUTIONARY STATEMENT(S):

P280 Wear eye/face protection.

P264 Wash with plenty of water and soap thoroughly after handling.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P311 If eye irritation persists: Call a POISON CENTER or doctor/physician.

OTHER HAZARDS:

Hazards not otherwise classified (HNOC).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Titanium Dioxide, PW 6, CI 77891	60% to 70%	13463-67-7
Water	20% to 30%	7732-18-5

Ethanol	0% to 5%	64-17-5
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There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and thus require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

The exact % composition has been withheld as a trade secret.

4. FIRST AID MEASURES

EYES: Flush with water for 15 minutes. See a physician if irritation persists.

SKIN: Rinse skin with soap and water. See a physician if irritation persists.

INGESTION: No adverse health effects anticipated by this route during proper industrial handling. In the event of ingestion, increase intake of liquid in order to flush from body. If symptoms persist, call a physician.

INHALATION: Remove the victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm and seek medical attention immediately.

NOTES TO PHYSICIAN: Immediate medical attention is not required.

5. FIRE FIGHTING MEASURES

AUTOIGNITION TEMPERATURE: This product will not auto-ignite.

FLAMMABLE CLASS: Not flammable.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES: None required.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Dike and contain spillage then collect with non-combustible absorbent material (e.g., sand, earth, diatomaceous earth, vermiculite). Scoop up material and place into suitable container(s) for disposal according to local and federal regulations.

Prevent product from entering storm drains. If the product contaminates rivers and lakes or drains inform respective authorities.

ENVIRONMENTAL PRECAUTIONS

Avoid discharges into open waterways. If the product contaminates storm drains, rivers and lakes inform respective authorities.

Avoid discharge to soil. Contain spillage and collect discharge/spilled materials then place in container for disposal according to local and federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Keep containers closed when not in use.

For professional use only.

Keep out of reach from children.

Smoking, eating and drinking should be prohibited in the work area.

CONDITIONS FOR STORAGE INCLUDING ANY INCOMPATIBILITIES

Store in a dry, cool place, away from direct sunlight, sources of intense heat, or freezing temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS

Components	CAS No.	Limits
Titanium Dioxide, PW 6, CI 77891	13463-67-7	PEL 5mg/m ³ (respirable dust); TLV 10mg/m ³ (total dust)
Ethanol	64-17-5	ACGIH TLV: 1000 ppm, 15 min. ; OSHA PEL: 1000 ppm, 8 hrs ; NIOSH REL: 1000 ppm, 10 hrs.

ENGINEERING CONTROLS: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

SKIN: Impervious gloves.

RESPIRATORY: Use NIOSH approved respirators when permissible exposure limits are exceeded.

WORK HYGIENIC PRACTICES:

Keep containers closed when not in use.

Wash hands before breaks and at the end of work day.

OTHER PROTECTIVE EQUIPMENT:

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
COLOR: Colored liquid
ODOR: Low odor
ODOR THRESHOLD: No data available
pH: Not available.
MELTING POINT(°F): Not available.
BOILING POINT(°F): >212.0
FLASH POINT (°F): >200.0, TCC
LOWER EXPLOSION LIMIT(%): Not applicable
UPPER EXPLOSION LIMIT(%): Not applicable
VAPOR DENSITY: Heavier than air.
VAPOR PRESSURE, ESTIMATED(68°F): Not available
DENSITY (lbs/gal.): 15.9792
SOLIDS IN WT. %: 64.4478
EVAPORATION RATE: Not available
SOLUBILITY IN WATER: Miscible
VOC (grams/liter): 45.6731

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

INCOMPATIBLE MATERIALS: Strong acids, bases and oxidizing agents.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL EFFECTS

ACUTE TOXICITY: Not classified.

POTENTIAL HEALTH EFFECTS:

EYES: Causes mild eye irritation.

SKIN: No hazard during normal use.

SKIN ABSORPTION: No hazard during normal industrial use.

INGESTION: No hazard during normal industrial use.

INHALATION: No hazard during normal industrial use.

CARCINOGENICITY:

TITANIUM DIOXIDE (13463-67-7/236-675-5):

IARC: Monograph 93 [2010]; Monograph 47 [1989] (Group 2B(possibly carcinogenic to humans))

DFG: Category 3A (could be carcinogenic for man, inhalable fraction with the exception of ultra-small particles).

NTP: No
IARC: Yes
OSHA: No

MUTAGENICITY: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS:

No known significant effects or critical hazards.

PERSISTENCE AND DEGRADABILITY:

Biodegradability: No known significant effects or critical hazards.
Mobility in soil : No known significant effects or critical hazards.
Bioaccumulation: No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

EMPTY CONTAINER: Empty remaining contents. Dispose of as unused product as hazardous waste. Do not re-use empty containers. Do not burn nor use cutting tools on the empty containers.

RCRA/EPA WASTE INFORMATION: Obey all local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

SHIPPING NAME: Not regulated

SHIPPING DESCRIPTION: Not regulated

IMDG: Not regulated

IATA: Not regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

Section 302/304 : No chemicals subject to the reporting requirements of SARA Title III, Section 302.

Section 311/312 : None

Section 313 : The product does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

TSCA INVENTORY: All components are listed or exempted.

CERCLA INFORMATION : This material does not contain any components with a CERCLA RQ.

CA PROPOSITION 65 :

WARNING: This product can expose you to chemical(s) including [Titanium Dioxide] which is known to the State of California to cause cancer.

STATE RTK:

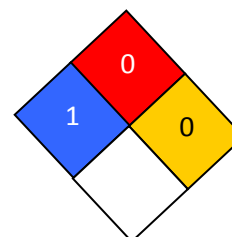
PA

Titanium dioxide CAS# 13463-67-7

16. OTHER INFORMATION

HMIS RATING	
Health :	0
Flammability :	0
Reactivity :	0
Personal Protection :	B

NFPA CODES



DISCLAIMER : THE INFORMATION OR RECOMMENDATIONS CONTAINED HEREIN ARE BASED ON INFORMATION OBTAINED FROM SOURCES WHICH WE BELIEVE ARE RELIABLE AND ARE PROPRIETARY AND ARE FURNISHED SOLELY FOR THE USE OF OUR CUSTOMERS. SINCE IT IS IMPOSSIBLE FOR US TO DETERMINE THE PRECISE CONDITIONS UNDER WHICH OUR PRODUCTS WILL BE USED, NEITHER EMPIRE INK NOR ITS AFFILIATES CAN ACCEPT RESPONSIBILITY FOR LOSS, INJURY OR OTHER DAMAGES RESULTING FROM THE USE OF THE PRODUCT OR THIS OR ANY OTHER INFORMATION PROVIDED BY US. USERS ARE ADVISED TO MAKE THEIR OWN TESTS TO DETERMINE THE SAFETY, SUITABILITY, AND RELEVANCE OF FEDERAL AND LOCAL LAW TO THE PRODUCT AS IT IS TO BE USED BY THEM. THEREFORE NO GUARANTEE OF ANY KIND EXPRESSED OR IMPLIED, INCLUDING THOSE OF FITNESS OR MERCHANTABILITY, ARE MADE BY EMPIRE INK OR THE AFFILIATES WITH REGARD TO ANY OF THEIR PRODUCTS.

SAFETY DATA SHEET



DATE ISSUED: 11/2023

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT NAME: ALIZARIN CRIMSON

Chemical Name	Weight %	CAS Number
Water	65%	7732-18-5
Benzyl Alcohol	5%	100-51-6
Pigment Red 9, CI 12460	10%	6410-38-4
Pigment Red 22, CI 12315	5%	6448-95-9
Pigment Green 7, CI 74260	10%	1328-53-6
Propylene Glycol	5%	57-55-6

PRODUCT NAME: BURNT UMBER

Chemical Name	Weight %	CAS Number
Benzidine Orange, CI 21110	12%	3520-72-7
Violet, CI 20031	25%	68516-73-4
Benzyl Alcohol	10%	100-51-6
Phthalocyanine Green, CI 74260	15%	1328-53-6
Red Iron Oxide, CI 77491	8%	1309-37-1
Blue Copper Phthalocyanine, CI 74160	15%	147-14-8
Carbon Black 7, CI 77266	5%	7732-18-5
Pigment Green 7, CI 77620	5%	35266-49-0
Propylene Glycol	5%	57-55-6

PRODUCT NAME: CADMIUM ORANGE

Chemical Name	Weight %	CAS Number
Water	75%	7732-18-5
Benzyl Alcohol	5%	100-51-6
Pyrazolone Orange, CI 21110	10%	3520-72-7
Propylene Glycol	5%	57-55-6
Pigment Red 22, CI 12315	5%	6448-95-9

PRODUCT NAME: CADMIUM RED MEDIUM

Chemical Name	Weight %	CAS Number
Water	80%	7732-18-5
Benzyl Alcohol	5%	100-51-6
Pigment Red 22, CI 12315	10%	6448-95-9
Propylene Glycol	5%	57-55-6

PRODUCT NAME: CADMIUM YELLOW LIGHT

Chemical Name	Weight %	CAS Number
Water	80%	7732-18-5
Pigment Yellow 65, CI 11740	10%	6528-34-3
Benzyl Alcohol	5%	100-51-6
Propylene Glycol	5%	57-55-6

PRODUCT NAME: CADMIUM YELLOW MEDIUM

Chemical Name	Weight %	CAS Number
Water	70%	7732-18-5
Pigment Yellow 65, CI 11740	20%	6528-34-3
Benzyl Alcohol	5%	100-51-6
Propylene Glycol	5%	57-55-6

PRODUCT NAME: PHTHALO BLUE

Chemical Name	Weight %	CAS Number
Water	60%	7732-18-5
Copper Phthalocyanine, CI 74160	20%	147-14-8
Benzyl Alcohol	5%	100-51-6
Phthalocyanine Green, CI 74260	10%	1328-53-6
Propylene Glycol	5%	57-55-6

PRODUCT NAME: RAW UMBER

Chemical Name	Weight %	CAS Number
Water	60%	7732-18-5
Carbon Black PBk 7, CI 77266	5%	1333-86-4
Benzyl Alcohol	5%	100-51-6
Violet, CI 20031	3%	68516-73-4
Titanium White, CI 77891	3%	13463-67-7
Pigment Red 210, CI 12477	10%	61932-63-6
Pigment Green 7, CI 74620	9%	35266-49-0
Propylene Glycol	5%	57-55-6

PRODUCT NAME: ULTRAMARINE BLUE

Chemical Name	Weight %	CAS Number
Titanium White, CI 77891	10%	13463-67-7
Copper Phthalocyanine Blue, CI 74160	5%	147-14-8
Pigment Red 22, CI 12315	5%	6448-95-9
Naphthol Red, CI 12466	5%	67990-05-0
Propylene Glycol	5%	57-55-6
Pigment Red 170, CI 12475	5%	2786-76-7
Water	60%	7732-18-5
Benzyl Alcohol	5%	100-51-6

PRODUCT NAME: YELLOW OCHRE

Chemical Name	Weight %	CAS Number
Water	80%	7732-18-5
Yellow Iron Oxide, CI 77492	10%	6528-34-3
Benzyl Alcohol	5%	100-51-6
Propylene Glycol	5%	57-55-6

SAFETY DATA SHEET



DATE ISSUED: 11/2023

1. PRODUCT AND COMPANY IDENTIFICATION

PHYSICAL APPEARANCE: Fluid colored liquid with low odor

MANUFACTURER

Colt's Timeless Tattoos/Empire Inks
2065 American Drive, Suite C
Neenah, Wisconsin
(920) 666-8775

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

GHS CLASSIFICATION

Not classified.

SIGNAL WORD: Not a hazardous substance or preparation according to the Global Harmonized System (GHS).

HAZARD STATEMENT(S):

No known significant effects or critical effects.

PRECAUTIONARY STATEMENT(S):

Not applicable

OTHER HAZARDS:

Hazards not otherwise classified (HNOC).

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and thus require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

The exact % composition has been withheld as a trade secret.

4. FIRST AID MEASURES

EYES: Flush with water for 15 minutes. See a physician if irritation persists.

SKIN: Rinse skin with soap and water. See a physician if irritation persists.

INGESTION: No adverse health effects anticipated by this route during proper industrial handling. In the event of ingestion, increase intake of liquid in order to flush from body. If symptoms persist, call a physician.

INHALATION: Remove the victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm and seek medical attention immediately.

NOTES TO PHYSICIAN: Immediate medical attention is not required.

5. FIRE FIGHTING MEASURES

AUTOIGNITION TEMPERATURE: This product will not auto-ignite.

FLAMMABLE CLASS: Not flammable.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES: None required.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Dike and contain spillage then collect with non-combustible absorbent material (e.g., sand, earth, diatomaceous earth, vermiculite). Scoop up material and place into suitable container(s) for disposal according to local and federal regulations.

Prevent product from entering storm drains. If the product contaminates rivers and lakes or drains inform respective authorities.

ENVIRONMENTAL PRECAUTIONS

Avoid discharges into open waterways. If the product contaminates storm drains, rivers and lakes inform respective authorities.

Avoid discharge to soil. Contain spillage and collect discharge/spilled materials then place in container for disposal according to local and federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Keep containers closed when not in use.
For professional use only.
Keep out of reach from children.
Smoking, eating and drinking should be prohibited in the work area.

CONDITIONS FOR STORAGE INCLUDING ANY INCOMPATIBILITIES

Store in a dry, cool place, away from direct sunlight, sources of intense heat, or freezing temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA PEL & TLV: The product is a viscous slow flowing mixture. As such the inorganic and organic solid color powders are dispersed in the liquid polyester polymer resin, to form a homogenous mixture. The OSHA PEL & TLV have not been experimentally determined. However, since the solids are bound to the liquid resin in the mixture, any of the PEL & TLV parameters for the solid compounds are not applicable. There are no PEL & TLV data to report for any volatiles since there are no solvents in the mixture.

APPROPRIATE ENGINEERING CONTROLS: The product should be used in well-ventilated areas. Keep containers closed when not in use. Wash hands before breaks and at the end of work day.

PERSONAL PROTECTION: Wear impervious gloves. Safety eyewear complying with approved standard should be used to avoid exposure to liquid splashes, mists, gases or dusts.

HYGIENE MEASURES: Should any product transfer to the skin, remove it with paper towel or cloth and wash the area with soap and water. Do not smoke, eat or drink while using the product. If any accidental contact with the eyes, flush eyes with water.

9. PHYSICAL AND CHEMICAL PROPERTIES

OTHER PROTECTIVE EQUIPMENT:

Handle in accordance with good industrial hygiene and safety practice.

PHYSICAL STATE: Liquid

COLOR: Colored liquid

ODOR: Low odor

ODOR THRESHOLD: No data available

pH: Not available.

MELTING POINT(°F): Not available.

BOILING POINT(°F): 212.0 TO 449.0

FLASH POINT (°F): >200.0, TCC

LOWER EXPLOSION LIMIT(%): Not applicable

UPPER EXPLOSION LIMIT(%): Not applicable

VAPOR DENSITY: Heavier than air.

VAPOR PRESSURE, ESTIMATED(68°F): Not available

DENSITY (lbs/gal.): 8.2523

SOLIDS IN WT. %: 0.5937

EVAPORATION RATE: Not available

SOLUBILITY IN WATER: Miscible

VOC (grams/liter): 42.3868

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

INCOMPATIBLE MATERIALS: Strong acids, bases and oxidizing agents.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL EFFECTS

ACUTE TOXICITY: Not classified.

POTENTIAL HEALTH EFFECTS:

EYES: Causes mild eye irritation.

SKIN: No hazard during normal use.

SKIN ABSORPTION: No hazard during normal industrial use.

INGESTION: No hazard during normal industrial use.

INHALATION: No hazard during normal industrial use.

CARCINOGENICITY: IARC (International Agency for Research on Cancer) has classified carbon black as Group 2B; possibly carcinogenic to humans. Assessment on toxicity for carbon black; non-toxic after a single ingestion and/or skin contact, no deaths at the highest dose tested after short-term inhalation.

NTP: No

IARC: Yes

OSHA: No

MUTAGENICITY: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS:

No known significant effects or critical hazards.

PERSISTENCE AND DEGRADABILITY:

Biodegradability: No known significant effects or critical hazards.

Mobility in soil : No known significant effects or critical hazards.

Bioaccumulation: No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

EMPTY CONTAINER: Empty remaining contents. Dispose of as unused product as hazardous waste. Do not re-use empty containers. Do not burn nor use cutting tools on the empty containers.

RCRA/EPA WASTE INFORMATION: Obey all local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

SHIPPING NAME: Not regulated

SHIPPING DESCRIPTION: Not regulated

IMDG: Not regulated

IATA: Not regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

Section 302/304 : No chemicals subject to the reporting requirements of SARA Title III, Section 302.

Section 311/312 : None

Section 313 : The product does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

TSCA INVENTORY: All components are listed or exempted.

1. Product and Company Identification

Product Name: Fresh 50/50 Ethanol Solution
Company Name: Empire Inks LLC
2065 American Drive, Ste. C
Neenah, WI 4956
Emergency Contact: ChemTel (800)255-3924

2. Hazards Identification

Flammable Liquids, Category 2

Skin Corrosion/Irritation, Category 3

Serious Eye Damage/Eye irritation, Category 2



GHS Signal Word:

Danger

GHS Hazard Phrases:

H225 - Highly flammable liquid and vapor.

H316 - Causes mild skin irritation.

GHS Precaution Phrases:

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No Smoking.

P233 - Keep container tightly closed.

P241 - Use explosion-proof electrical/ventilating/lighting/mixing/ equipment.

P242 - Use only non-sparking tools.

P243 - Take precautionary measures against static discharge.

P280 - Wear protective clothing, protective gloves, eye protection, cold insulating gloves.

GHS Response Phrases:

P303+361+353 - IF ON SKIN (or hair). Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

P332+313 - If skin irritation occurs, get medical advice/attention.

GHS Storage and

P403+235 - Store in cool/well-ventilated place.

Disposal Phrases:

P501 - Dispose of contents/container to regulated Waste authority.

Potential Health Effects

(Acute and Chronic):

Hazards not otherwise classified (HNOC) or not covered by GHS. Chronic: Prolonged or repeated skin contact may cause dermatitis. Repeated eye exposure may cause visual abnormalities including blurred vision and photosensitivity. Prolonged or repeated exposure may cause liver or kidney damage.

Inhalation:

Inhalation of high concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness and coma. Causes respiratory tract irritation. High vapor concentrations may cause drowsiness. May cause liver and kidney damage. Exposure to high concentrations may produce narcosis, nausea and loss Of consciousness.

Skin Contact:

Prolonged and/or repeated contact may cause defatting of the skin and dermatitis. May be absorbed through intact skin.

Eye Contact:

Causes eye irritation.

Ingestion:

May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May cause liver and kidney damage. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea.

SAFETY DATA SHEET

Fresh 50/50

Ethanol Solution

3. Composition / Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7732-18-5	Water, distilled or of similar purity	52.48%
64-17-5	Ethyl alcohol	47.15 %
470-82-6	Eucalyptol FCC (Natural)	0.165 %
89-83-8	Thymol	0.12 %
89-78-1	(+)-Menthol	0.08 %

4. First Aid Measures

Emergency and First Aid Procedures:

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

In Case of inhalation:

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician. Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid. Do NOT use mouth-to-mouth resuscitation.

In Case of Skin Contact:

Wash off with soap and plenty of water. Consult a physician. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.

In Case of Eye Contact:

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid. Do NOT allow victim to rub eyes or keep eyes closed.

In Case of ingestion:

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth With Water. Consult a physician. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid immediately.

Signs and Symptoms of Exposure:

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Note to Physician:

Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt:

16.00 C (60.8F) Method Used: Closed Cup

Explosive Limits:

LEL: 3.3 UEL: 19

Autoignition Pt:

365.00 C (689.0 F)

Suitable Extinguishing Media: Use Water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam. For large fires, use water spray, fog, or alcohol-resistant foam. Water may be ineffective. Do NOT use straight streams of water.

Fire Fighting instructions:

Wear self contained breathing apparatus for fire fighting if necessary.

Further information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors may form explosive mixtures with air. Use water spray to keep fire-exposed Containers Cool. Water may be ineffective. Material is lighter than water and a fire may be spread by the use of water. Containers may explode in the heat of a fire. Flammable liquid and vapor. May accumulate static electrical charges, and may cause ignition of its own vapors. Vapors are heavier than air and may travel to a source of ignition and flash back.

Flammable Properties and

Carbon oxides.

Hazards:

Hazardous Combustion

No data available.

SAFETY DATA SHEET

Fresh 50/50

Ethanol Solution

Products:

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures:

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Steps To Be Taken in Case

Contain spillage, and then collect with an electrically protected vacuum cleaner or by

Material Is Released Or

Wet-brushing and place in container for disposal according to local regulations (see

Spilled:

section 13). Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. A vapor suppressing foam may be used to reduce vapors. Approach Spill from upwind.

7. Handling and Storage

Precautions To Be Taken in Handling:

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use explosion-proof equipment. Keep away from sources of ignition - No Smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep away from heat, sparks and flame. Do not pressurize, Cut, Weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Use only with adequate ventilation. Avoid breathing dust, mist, or vapor.

Precautions To Be Taken in Storing:

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Recommended storage temperature: -20 - -10 deg.C. Handle and store under inert gas. Keep away from sources of ignition. Store in a cool, dry, well-ventilated area away from incompatible substances. Flammables-area.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64-17-5	Ethyl alcohol	PEL: 1000 ppm	TLV: 1000ppm	No data.
7732-18-5	Water, distilled or of similar purity	No data.	No data.	No data.
470-82-6	Eucalyptol FCC (Natural)	No data.	No data.	No data.
89-83-8	Thymol	No data.	No data.	No data.
89-78-1	(+)-Menthol	No data.	No data.	No data.

SAFETY DATA SHEET

Fresh 50/50

Ethanol Solution

Respiratory Equipment (Specify Type):	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
Eye Protection:	Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Wear chemical Splash goggles.
Protective Gloves:	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Wear appropriate protective gloves to prevent skin exposure.
Other Protective Clothing:	Impervious clothing. Flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific Workplace. Wear appropriate protective clothing to prevent skin exposure.
Engineering Controls (Ventilation etc.):	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local explosion-proof ventilation to keep airborne levels to acceptable levels.
Work/Hygienic/Maintenance Practices:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Environmental Exposure Controls:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

9. Physical and Chemical Properties

Physical States:	☐ Gas ☒ Liquid ☐ Solid
Appearance and Odor:	Clear. Alcohol-like odor. Eucalyptus odor. Menthol odor.
pH:	No data.
Freezing Point:	-59.00 C (-74.2 F) - N.A.
Boiling Point:	80.00 C (176.0 F) - N.A.
Flash Pt:	16.00 C (60.8F) Method Used: Closed Cup
Evaporation Rate:	1.7 (BuAC=1)
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: 3.3 UEL: 19
Vapor Pressure (vs. Air or mm Hg):	No data.
Vapor Density (vs. Air = 1):	No data.
Specific Gravity (Water = 1):	82 at 15.6 C (60.1 F)
Solubility in Water:	No data.
Octanol/Water Partition Coefficient:	No data.

SAFETY DATA SHEET

Fresh 50/50

Ethanol Solution

Autoignition Pt: 365.00 C (689.0 F)
Decomposition Temperature: NA
Viscosity: No data.
Stability: Unstable [] Stable [X]
Conditions To Avoid - Heat, flames and sparks. Extremes of temperature and direct sunlight. High
Instability: temperatures, ignition sources.
incompatibility - Materials To Avoid: Oxidizing agents, Alkali metals, Strong oxidizing agents, Ammonia, Peroxides, Strong acids, Strong bases, isocyanates, aliphatic amines.
Hazardous Decomposition or Byproducts: Other decomposition products. No data available. In the event of fire: See section 5. Carbon monoxide, irritating and toxic fumes and gases.
Possibility of Hazardous Will occur [] Will not occur [X]
Reactions:
Conditions To Avoid - No data available.
Hazardous Reactions:

11. Toxicological information:

Toxicological information: Germ cell mutagenicity: No data available.
Reproductive toxicity. Aspiration hazard: Epidemiology: No information found.
Teratogenicity: No information available. Reproductive Effects: See actual entry in RTECS for complete information. Mutagenicity: Neurotoxicity:
Irritation or Corrosion: Skin corrosion/irritation. No data available.
Serious eye damage/eye irritation.
Sensitization: No data available.
Chronic Toxicological Specific target organ toxicity - single exposure. No data available.
Effects: Specific target organ toxicity - repeated exposure:
Carcinogenicity/Other Information: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. NTP: No
Component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA. No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. CAS# 75-65-0. Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
64-17-5	Ethyl alcohol	n.a.	1	A4	n.a.
7732-18-5	Water, distilled or of similar purity	n.a.	n.a.	n.a.	n.a.
470-82-6	Eucalyptol FCC (Natural)	n.a.	n.a.	n.a.	n.a.
89-83-8	Thymol	n.a.	n.a.	n.a.	n.a.
89-78-1	(+/-)-Menthol	n.a.	n.a.	n.a.	n.a.

SAFETY DATA SHEET

Fresh 50/50

Ethanol Solution

12. Ecological Information

Results of PBT and vPvB assessment:

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

13. Disposal Considerations

Waste Disposal Method:

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRAP-Series: None listed.

RCRA U-Series: None listed.

14. Transportation Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Ethanol Solution.

DOT Hazard Class: 3 FLAMMABLE LIQUID

UN/NA Number: UN 1170

Packing Group: II

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Ethanol Solution.

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

AIRTRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
64-17-5	Ethyl alcohol	No	No	No
7732-18-5	Water, distilled or of similar purity	No	No	No
470-82-6	Eucalyptol FCC (Natural)	No	No	No
89-83-8	Thymol	No	No	No
89-78-1	(+/-)-Menthol	No	No	No

This material meets the EPA
'Hazard Categories' defined
for SARA Title III Sections
311/312 as indicated:

☒ Yes ☐ No Acute (immediate) Health Hazard
☐ Yes ☒ No Chronic (delayed) Health Hazard
☒ Yes ☐ No Fire Hazard
☐ Yes ☒ No Sudden Release of Pressure Hazard
☐ Yes ☒ No Reactive Hazard

SAFETY DATA SHEET

Fresh 50/50
Ethanol Solution

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
64-17-5	Ethyl alcohol	TSCA. Yes - Inventory CA PROP.65: No MA Oil/HazMat Yes MI CMR, Part 5: No NJEHS: No NY Pat 597: No PA HSL. Yes -1 SC TAP: No WI Air: No
7732-18-5	Water, distilled or of similar purity	TSCA. Yes - Inventory CA PROP.65: No MA. Oil/HazMat No MI CMR, Part 5: No NCTAP: No NJEHS.: No NY Part 597. No PA HSL NO SC TAP: No WI Air. No
470-82-6	Eucalyptol FCC (Natural)	TSCA: Yes - Inventory CA PROP.65: No MA. Oil/HazMat: No MI CMR, Part 5: No NC TAP: No NJ EHS: No NY Pat 597: No PA HSL: No SC TAP: No WI Air: No
89-83-8	Thymol	TSCA: Yes - Inventory CA PROP.65: No MA Oil/HazMat: No MI CMR, Part 5: No NC TAP: No NJ EHS: No NY Pat 597: No PA HSL: No SC TAP: No WI Air: No
89-78-1	(+)-Menthol	TSCA. Yes - Inventory CA PROP.65: No MA Oil/HazMat: No MI CMR, Part 5: No NC TAP: No

SAFETY DATA SHEET**Fresh 50/50****Ethanol Solution**

		NJEHS: No NYPart 597: No PA HSL: No SC TAP: No WI Air: No
CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
64-17-5	Ethyl alcohol	Canadian DSL: Yes Canadian NDSL: No REACH: Yes - (R), (P)
7732-18-5	Water, distilled or of similar purity	Canadian DSL: Yes Canadian NDSL: No REACH: Yes - (P)
470-82-6	Eucalyptol FCC (Natural)	Canadian DSL: Yes Canadian NDSL: No REACH: Yes - (R), (P)
89-83-8	Thymol	Canadian DSL: Yes Canadian NDSL: No REACH: Yes - (R), (P)
89-78-1	(+)-Menthol	Canadian DSL: Yes Canadian NDSL: No REACH: Yes - (R), (P)

16. Other Information**Revision Date:** 07/13/2017

Disclaimer: The information presented above is believed to be accurate and represents the best information currently available to us. We make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.



Safety Data Sheet Glycerin 99.7

SECTION 1: Identification

1.1 Product identifier

Product name	Glycerin 99.7
Product number	chem-30
Substance name	Glycerine
EC no.	200-289-5
CAS no.	56-81-5

1.4 Supplier's details

Name	Empire Inks LLC
Address	2065 American Drive, Ste. C Neenah, WI 54956 United States
email	info@empireinks.com

1.5 Emergency phone number(s)

Domestic: 1-800-633-8253 International: 801-629-0667

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

Not a hazardous substance or mixture.

SECTION 3: Composition/information on ingredients

Safety Data Sheet

Glycerin 99.7

3.1 Substances

Substance name	Glycerine
EC no.	200-289-5
CAS no.	56-81-5
Formula	C3H8O3
Molecular weight	92.09
Other names / synonyms	1,2,3-Propanetriol; Glycerolum; Glycerol; Glycerin; Glycerine ; Glycerol

Components

1. Glycerine

Concentration	90 - 100 % (weight)
EC no.	200-289-5
CAS no.	56-81-5

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Never give anything by mouth to an unconscious person. If you feel Unwell, seek medical advise. Show the label or this safety data sheet when possible
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician if symptoms develop
In case of skin contact	Wash off with soap and plenty of water. Get medical attention if symptoms occur.
In case of eye contact	Flush eyes with water as a precaution. Remove contacts
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical attention should irritation and symptoms occur..

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

Carbon oxides, smoke, and irritating fumes or substances may form. Fumes may be toxic.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary. Wear protective clothing and gear to prevent contact with skin and eyes. Follow standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Further information

Spills produce extremely slippery surfaces.

SECTION 6: Accidental release measures

Safety Data Sheet

Glycerin 99.7

6.1 Personal precautions, protective equipment and emergency procedures

Do not touch or walk through spilled material. Spills can create very slippery surfaces. Wear respiratory protection if necessary. Avoid breathing gas, mist, vapors, or spray. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

6.2 Environmental precautions

Should not be released into the environment.

6.3 Methods and materials for containment and cleaning up

Stop leak if you can do it without risk. Sweep up and shovel into suitable containers for disposal. Use absorbent paper to pick up all liquid spill material. Seal the absorbent paper, as well as any of your clothing which may be contaminated, suitable container for eventual disposal. Wash any surfaces you may have contaminated with a soap and water solution.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Surfaces are very slippery from this product. Do not swallow. Do not breathe mist, vapors, or spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. See Section 8 for information on Personal Protective Equipment.

7.2 Conditions for safe storage, including any incompatibilities

Freezing will adversely affect the quality of the product. Store locked up. Keep away from heat and sources of ignition. Store away from incompatible materials. See Section 10 for information on Incompatible Materials. Keep out of the reach of children.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Glycerol (CAS: 56-81-5 EC: 200-289-5)

TWA (Inhalation): 5 mg/m³; USA (OSHA)

USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminant

PEL (Inhalation): 5 mg/m³, PNOR (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 5 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 10 mg/m³, PNOR (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 15 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 10 mg/m³; USA (ACGIH)

USA. ACGIH Threshold Limit Values (TLV)/Upper Respiratory Tract irritation

TWA (Inhalation): 15 mg/m³; USA (OSHA)

USA. Occupational Exposure Limits(OSHA) - Table Z-1 Limits for Air Contaminants

8.2 Appropriate engineering controls

Safety Data Sheet

Glycerin 99.7

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Pictograms



Eye/face protection

Safety glasses with side shields or goggles.

Skin protection

Wear protective gloves, such as PVC or other plastic material. Consult manufacturer specifications for further information.

Body protection

Wear protective clothing. Clothing with full length sleeves and pants should be worn. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air-purifying respirators may not provide adequate protection.

Thermal hazards

No data available.

Environmental exposure controls

Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Viscous, Liquid, clear to light yellow
Odor	mild, musty
Odor threshold	No data available.
pH	No data available.
Melting point/freezing point	<2 °C (<36 °F)
Initial boiling point and boiling range	>130 °C (266 °F) at 1013 hPa
Flash point	>176 °C (>349 °F) - closed cup
Evaporation rate	> 1 (Butyl Acetate = 1)
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	< 0.1 mmHg @ 20 °C (68 °F)
Vapor density	3.17 @ 20 °C (68 °F) (Air = 1.0)

Safety Data Sheet

Glycerin 99.7

Relative density	: 1.22 - 1.24 @ 25 °C (77 °F) Reference substance: (water = 1)
Solubility(ies)	Soluble
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.

10.5 Incompatible materials

Strong acids, Strong oxidizing agents

10.6 Hazardous decomposition products

Thermal decomposition may produce carbon oxides.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

LD50 (Oral): N/A

LD50 (Dermal): N/A

LD50: N/A

Skin corrosion/irritation

May cause slight skin irritation.

Serious eye damage/irritation

May cause slight eye irritation

Respiratory or skin sensitization

Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

Germ cell mutagenicity

No mutagenic effects.

Carcinogenicity

No component of this product at levels greater than 0.1% is identified as carcinogenic by IARC, NTP, ACGIH, or OSHA.

Safety Data Sheet

Glycerin 99.7

Reproductive toxicity

No toxicity to reproduction.

STOT-single exposure

No data available

STOT-repeated exposure

No data available

Aspiration hazard

No data available

SECTION 12: Ecological information

Toxicity

No data available on product

Persistence and degradability

No data available on product

Bioaccumulative potential

/ Not Established

Mobility in soil

No data available

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class Substances

Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

SECTION 13: Disposal considerations

Disposal of the product

Treatment, storage, transportation, and disposal must be in accordance all applicable federal, state, and local regulations.

Disposal of contaminated packaging

Dispose of as unused product.

Waste treatment

Waste packaging should be recycled or reused whenever possible. If recycling is not feasible, contaminated packaging should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region.

Sewage disposal

Avoid release into sewers or other public water ways.

Safety Data Sheet

Glycerin 99.7

SECTION 14: Transport information

14.1	UN Number	None
14.2	UN Proper Shipping Name	None
14.3	Transport hazard class(es)	None
14.4	Packing group	None
14.5	Environmental hazards	None
14.6	Special precautions for user	None
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	None

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Acute Health Hazard

Chronic Health Hazard

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Glycerol

CAS-No. 56-81-5

Pennsylvania Right To Know Components

No components are subject to the Pennsylvania Right To Know Act.

Glycerol

CAS-No. 56-81-5

New Jersey Right To Know Components

No components are subject to the New Jersey Right To Know Act.

Glycerol

CAS-No. 56-81-5

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Safety Data Sheet

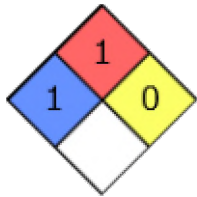
Glycerin 99.7

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

HMIS Rating

Glycerine	
HEALTH	
FLAMMABILITY	1
PHYSICAL HAZARD	
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

SDS Version: 1.0
Revision Date: 10/19/2018

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Bulk Apothecary be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Bulk Apothecary has been advised of the possibility of such damages.



Safety Data Sheet Propylene Glycol

SECTION 1: Identification

1.1 Product identifier

Product name Propylene Glycol

Substance name Propylene glycol
EC no. 200-338-0
CAS no. 57-55-6

1.3 Recommended use of the chemical and restrictions on use

Skin Cosmetics

1.4 Supplier's details

Name Empire Inks LLC
Address 2065 American Drive, Suite C
Neenah, WI 54956
United States

email info@empireinks.com

1.5 Emergency phone number(s)

Domestic: 1-800-633-8253 International: 801-629-0667

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

Not a hazardous substance or mixture.

Safety Data Sheet

Propylene Glycol

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance name	Propylene glycol
EC no.	200-338-0
CAS no.	57-55-6
Formula	C ₃ H ₈ O ₂
Molecular weight	76.1
Other names / synonyms	1,2-Propanediol; Propylenglycolum; Propylene glycol; Propylene glycol; Propane-1,2-diol; Propylene glycol

Hazardous components

1. Propylene glycol

Concentration	> 99.5 % (weight)
EC no.	200-338-0
CAS no.	57-55-6

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Never give anything by mouth to an unconscious person. If you feel Unwell, seek medical advise. Show the label or this safety data sheet when possible
If inhaled	IMMEDIATELY leave the contaminated area; take deep breaths of fresh air. If symptoms (such as wheezing, coughing, shortness of breath, or burning in the mouth, throat, or chest) develop, call a physician and be prepared to transport the victim to a hospital. Provide proper respiratory protection to rescuers entering an unknown atmosphere. Whenever possible, Self-Contained Breathing Apparatus (SCBA) should be used; if not available, use a level of protection greater than or equal to that advised under Respirator Recommendation.
In case of skin contact	IMMEDIATELY flood affected skin with water while removing and isolating all contaminated clothing. Gently wash all affected skin areas thoroughly with soap and water. If symptoms such as redness or irritation develop, IMMEDIATELY call a physician and be prepared to transport the victim to a hospital for treatment.
In case of eye contact	First check the victim for contact lenses and remove if present. Flush victim's eyes with water or normal saline solution for 20 to 30 minutes while simultaneously calling a hospital or poison control center. Do not put any ointments, oils, or medication in the victim's eyes without specific instructions from a physician. IMMEDIATELY transport the victim after flushing eyes to a hospital even if no symptoms (such as redness or irritation) develop.
If swallowed	DO NOT INDUCE VOMITING. If the victim is conscious and not convulsing, give 1 or 2 glasses of water to dilute the chemical and IMMEDIATELY call a hospital or poison control center. Be prepared to transport the victim to a hospital if advised by a physician. If the victim is convulsing or unconscious, do not give anything by mouth, ensure that the victim's airway is open and

Safety Data Sheet

Propylene Glycol

lay the victim on his/her side with the head lower than the body. DO NOT INDUCE VOMITING. IMMEDIATELY transport the victim to a hospital.

4.2 Most important symptoms/effects, acute and delayed

Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective.

5.2 Specific hazards arising from the chemical

During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide.

5.3 Special protective actions for fire-fighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

FIRE FIGHTING PROCEDURES: Keep people away. Isolate fire and deny unnecessary entry. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition has passed. Fight fire from protected location or safe distance. Consider the use of unmanned hose holders or monitor nozzles. Immediately withdraw all personnel from the area in case of rising sound from venting safety device or discoloration of the container. Burning liquids may be extinguished by dilution with water. Do not use direct water stream. May spread fire. Move container from fire area if this is possible without hazard. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep personnel out of low areas. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

6.2 Environmental precautions

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

6.3 Methods and materials for containment and cleaning up

Contain spilled material if possible. Small spills: Any absorbent material. Collect in suitable and properly labeled open containers. Wash the spill site with large quantities of water. Large spills: Dike area to contain spill. Pump into suitable and properly labeled containers. See Section 13, Disposal Considerations, for additional information.

Reference to other sections

For exposure controls and personal protection see section 8. For disposal see section 13.

Safety Data Sheet

Propylene Glycol

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Spills of these organic materials on hot fibrous insulations may lead to lowering of the autoignition temperatures possibly resulting in spontaneous combustion. See Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION.

7.2 Conditions for safe storage, including any incompatibilities

Store away from direct sunlight or ultraviolet light. Keep container tightly closed when not in use. Protect from atmospheric moisture. Store in the following material(s): Stainless steel. Aluminum. Container lined with phenolic or epoxy-phenolic FDA food contact approved coating. 316 stainless steel. Opaque HDPE plastic container. No special storage conditions required.

Specific end use(s)

Use within 12 Month

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Propylene glycol (CAS: 57-55-6 EC: 200-338-0)

TWA (Inhalation): 10 mg/m³; USA (OSHA)

USA. Workplace Environmental Exposure Levels (WEEL)

8.2 Appropriate engineering controls

Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Use safety glasses (with side shields). If there is a potential for exposure to particles which could cause eye discomfort, wear chemical goggles

Skin protection

Chemical protective gloves should not be needed when handling this material. Consistent with general hygienic practice for any material, skin contact should be minimized.

Body protection

No precautions other than clean body-covering clothing should be needed.

Respiratory protection

Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. In misty atmospheres, use an approved particulate respirator. The following should be effective types of air-purifying respirators: Organic vapor cartridge with a particulate pre-filter

Thermal hazards

No data available

Environmental exposure controls

Safety Data Sheet

Propylene Glycol

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Liquid, viscous, colorless
Odor	Odorless
Odor threshold	No data available
pH	6-8 100g/l aq. sol
Melting point/freezing point	-60 °C (-76 °F) - lit.
Initial boiling point and boiling range	187 °C (369 °F) - lit.
Flash point	99 °C (210 °F) - closed cup
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability limits	12.6 vol % / 2.6 vol %
Upper/lower explosive limits	No data available
Vapor pressure	0.13 mbar @20 °C
Vapor density	2.62 (air - 1.0)
Relative density	1.0361 @ 20 °C
Solubility(ies)	Soluble in Water
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	400 °C / 752 °F
Decomposition temperature	No data available
Viscosity	45 mPa.s at 20 °C
Explosive properties	No data available
Oxidizing properties	No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Polymerization will not occur.

10.4 Conditions to avoid

Exposure to elevated temperatures can cause product to decompose. Generation of gas during decomposition can cause pressure in closed systems. Avoid direct sunlight or ultraviolet sources.

10.5 Incompatible materials

Strong oxidizing agents, Strong acids, and Strong bases

10.6 Hazardous decomposition products

On combustion may produce smoke, carbon monoxide, and carbon dioxide.

SECTION 11: Toxicological information

Information on toxicological effects

Safety Data Sheet

Propylene Glycol

Acute toxicity

LD50 (Oral): 20 g/kg

LD50 (Dermal): 20,800 mg/kg

LD50: N/A

Skin corrosion/irritation

Prolonged contact is essentially nonirritating to skin. Repeated contact may cause flaking and softening of skin.

Serious eye damage/irritation

May cause slight temporary eye irritation. Corneal injury is unlikely. Mist may cause eye irritation

Respiratory or skin sensitization

Did not cause allergic skin reactions when tested in humans. No relevant data found for respiratory sensitization.

Germ cell mutagenicity

No mutagenic effects.

Carcinogenicity

No component of this product at levels greater than 0.1% is identified as carcinogenic by IARC, NTP, ACGIH, or OSHA.

Reproductive toxicity

No toxicity to reproduction.

STOT-single exposure

Evaluation of available data suggests that this material is not an STOT-SE toxicant.

STOT-repeated exposure

In rare cases, repeated excessive exposure to propylene glycol may cause central nervous system effects.

Aspiration hazard

Based on physical properties, not likely to be an aspiration hazard.

SECTION 12: Ecological information

Toxicity

Acute toxicity to fish:

LC50/EC50/EL50/LL50 >100 mg/L

Acute toxicity to aquatic invertebrates:

LC50, Ceriodaphnia dubia (water flea), static test, 48 Hour, 18,340 mg/l, OECD Test Guideline 202

Acute toxicity to algae/aquatic plants:

ErC50, Pseudokirchneriella subcapitata (green algae), 96 Hour, Growth rate inhibition, 19,000 mg/l, OECD Test Guideline 201

Toxicity to bacteria:

NOEC, Pseudomonas putida, 18 Hour, > 20,000 mg/l, Method Not Specified.

Chronic aquatic toxicity / Chronic toxicity to aquatic invertebrates:

NOEC, Ceriodaphnia dubia (water flea), semi-static test, 7 d, number of offspring, 13,020 mg/l

Persistence and degradability

Safety Data Sheet

Propylene Glycol

Material is readily biodegradable. Passes OECD test(s) for ready biodegradability. Biodegradation may occur under anaerobic conditions (in the absence of oxygen).

Bioaccumulative potential

Log Pow >3

Mobility in soil

Will likely be mobile in the environment due to its water solubility.

SECTION 13: Disposal considerations

Disposal of the product

The generation of waste should be avoided or minimized wherever possible. Material should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region. Avoid release into the soil, sewers, drains, and other waterways.

Disposal of contaminated packaging

Dispose of as unused product.

Waste treatment

Waste packaging should be recycled or reused whenever possible. If recycling is not feasible, contaminated packaging should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region.

Sewage disposal

Avoid release into sewers or other public water ways.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SARA 311/312 Hazards

No SARA Hazards

Safety Data Sheet

Propylene Glycol

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Pennsylvania Right To Know Components

Propylene glycol
CAS number: 57-55-6

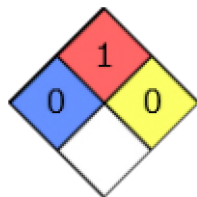
New Jersey Right To Know Components

Propylene glycol
CAS number: 57-55-6

HMIS Rating

Propylene glycol	
HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	H

NFPA Rating



SECTION 16: Other information

SDS Version: 1.0
Revision Date: 10/22/2018

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Bulk Apothecary be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Bulk Apothecary has been advised of the possibility of such damages.



Safety Data Sheet

WITCH HAZEL DISTILLATE w/ 0.5% GERMABEN II

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier:

Product Identifier: WITCH HAZEL DISTILLATE w/ 0.5% GERMABEN II 9
SDS Number: FG003107
Manufacturer Item Number:
Synonyms: Hamamelis Water, Witch Hazel Distillate

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Recommended Use: Cosmetic Astringent/Skin Cleanser
Restrictions on Use: None Known

1.3 Details of the Supplier of the Safety Data Sheet:

Address: Empire Inks LLC
2065 American Drive,
Suite C
Neenah, WI 54956

Email: info@empireinks.com

1.4 Emergency Telephone Number: Domestic 1-800-633-8253
International 1-801-629-0667

2 HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture:

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]: Not classified.

2.2 Label Elements

None

2.3 Other Hazards

None Known

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixture:

Components	CAS Number	EC Number	Classification	Percent
Witch Hazel Distillate	84696-19-5	283-637-9	Not Hazardous	99.5%
Germaben II Mixture	N/A	N/A	Eye Irritant Category 2 (H319)	0.5%

Refer to Section 16 for the full text of the GHS Classifications.

4 FIRST AID MEASURES

4.1 Description of First Aid Measures:

Eye	Flush victim's eyes with water, while holding the eyelids apart. Remove contact lenses if present and easy to do so. Continue rinsing. Get medical attention if irritation persists.
Skin	None normally required. For excessive unintentional exposures, wash skin with water.
Inhalation	Remove to fresh air. Get medical attention if irritation or symptoms occur.
Ingestion	If small quantities are swallowed, rinse out mouth with water. Do not induce vomiting.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed:

May cause mild irritation to eyes, skin, and upper respiratory tract.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed:

Immediate medical attention should not be required.

5 FIREFIGHTING MEASURES

5.1 Suitable and Unsuitable Extinguishing Media:

Use media suitable to the surrounding fire.

5.2 Special Hazards Arising from the Substance or Mixture:

Not classified as flammable or combustible.

5.3 Advice for Fire-Fighters:

Firefighters should wear full emergency equipment and approved positive pressure self-contained breathing apparatus for all fires involving chemicals.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid breathing vapors, or mist. Ventilate the area. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Keep unnecessary personnel away.

6.2 Environmental Precautions:

Do not flush large quantities into surface water or sanitary sewer system. Prevent large quantities of product from entering drains. For smaller quantities, drench with water making sure that washings enter drain only when very dilute.

6.3 Methods and Material for Containment and Cleaning up:

Stop spill at source if safe to do so. Contain spill and pump liquid into a suitable container or absorb with an inert absorbent and place in a suitable container. Clean spill area with water.

6.4 Reference to Other Sections:

Refer to Section 8 for Personal Protective Equipment and Section 13 for Disposal information.

7 HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Avoid contact with eyes. Wear appropriate personal protective equipment as specified in Section 8. Observe good industrial hygiene practices.

7.2 Conditions for Safe Storage, Including Any Incompatibilities:

Keep in cool, dry, ventilated storage and closed containers. Store isolated from oxidizing materials. Store away from all sources of ignition. Store away from oxidizers and acids. Store in containers made of stainless steel, HDPE, PET, or glass. Do not store in contact with Iron, Aluminum, Zinc, Copper or their alloys since Witch Hazel is particularly reactive with Iron. Product will discolor if it comes in contact with Iron.

7.3 Specific End Use(s):

Cosmetic Astringent/Skin Cleanser.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Occupational Exposure Limits:

Witch Hazel Distillate	None Established
Germaben II Mixture	None Established

Biological Exposure Limits:

None Established

8.2 Exposure Controls:

Appropriate Engineering Controls: A system of local or general exhaust is recommended.

Individual Protection Measures (PPE):

Specific Eye/face Protection: Chemical safety glasses recommended.

Specific Skin Protection: Protective gloves recommended if needed to avoid prolonged contact. Wear protective clothing as necessary to avoid skin contact.

Specific Respiratory Protection: None under normal use conditions. For operations where exposures are excessive, a NIOSH approved respirator with an organic vapor cartridge and a dust/mist pre-filter or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration. Select in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

Appearance:	Clear, colorless liquid	Explosive limits:	LEL: Not determined UEL: Not determined
Odor:	Characteristic	Vapor pressure (mmHg):	18.75 mm Hg (65.8°F/20°C)
Odor threshold:	Not determined	Vapor density:	1.03 (Air =1)
pH:	3.0 – 5.0	Relative density:	Approx. 0.995 – 1.020 @ 20°C
Melting/freezing point:	32°F (0°C)	Solubility:	Very soluble in water
Initial boiling point and range:	212°F (100°C)	Partition coefficient: n-octanol/water:	Not available
Flash point:	Not applicable	Auto-ignition temperature:	Not determined
Evaporation rate:	Not determined	Decomposition temperature:	Not determined
Flammability (solid, gas):	Not applicable	Viscosity:	Not determined
Explosive Properties:	Non-explosive	Oxidizing properties:	Not an oxidizer

9.2 Other Information:

None available.

10 STABILITY AND REACTIVITY

10.1 Reactivity:

Product will discolor if it comes in contact with Iron.

10.2 Chemical Stability:

Stable under normal conditions.

10.3 Possibility of Hazardous Reactions:

None known.

10.4 Conditions to Avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid oxidizing agents, and acids. Do not store in contact with Iron, Aluminum, Zinc, Copper or their alloys.

10.6 Hazardous Decomposition Products:

None known.

11 TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Potential Health Effects:

Eyes	May cause mild irritation.
Skin	May cause mild irritation on prolonged contact.

Ingestion	Small amounts are not anticipated to cause adverse effects. Large quantities may cause nausea.
Inhalation	May cause mild irritation.

Chronic Health Effects:

None expected under normal use.

Irritation:

This product is not an irritant.

Corrosivity:

This product is not corrosive.

Skin Sensitization:

This product is not a skin sensitizer.

Respiratory Sensitization:

This product is not a respiratory sensitizer.

Carcinogenicity:

None of the components of this product are listed as carcinogens by the IARC, US NTP, or EU CLP.

Germ Cell Mutagenicity:

Components are not germ cell mutagens.

Acute Toxicity Data:

Witch Hazel Distillate: Not acutely toxic.

Germaben II Mixture: Not acutely toxic.

Reproductive Toxicity Data:

Components are not reproductive toxins.

Specific Target Organ Toxicity Single Exposure (STOT-SE):

No adverse effects are expected.

Specific Target Organ Toxicity Repeated Exposure (STOT-RE):

No adverse effects are expected.

Aspiration:

Not an aspiration hazard.

12 ECOLOGICAL INFORMATION

12.1 Toxicity:

No information available.

12.2 Persistence and Degradability:

Readily biodegradable.

12.3 Bio-accumulative Potential:

Low bioaccumulation potential.

12.4 Mobility in Soil:

No data is currently available.

12.5 Results of PBT and vPvB Assessment:

Components do not meet the criteria for PBT or vPvB.

12.6 Other Adverse Effects:

None.

13 DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Dispose in accordance with national and local regulations.

14 TRANSPORT INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
DOT	None	Not Regulated	None	None	Not Applicable
ADR/RID	None	Not Regulated	None	None	Not Applicable
IMDG	None	Not Regulated	None	None	Not Applicable
IATA/ICAO	None	Not Regulated	None	None	Not Applicable

14.6 Special Precautions for User:

Not applicable.

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:

Not applicable.

15 REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

International Inventories:

US EPA TSCA Inventory: All the components of this product are listed in the EPA TSCA Inventory.

Canadian Environmental Protection Act: All of the components are listed in the Canadian DSL.

EU Inventory: All of the components are listed on the EINECS inventory.

Australia: All of the ingredients of this product are listed on the Australian Inventory of Chemical Substances.

New Zealand: All of the ingredients of this product are listed on the New Zealand Inventory of Chemicals (NZIoC).

China: All of the ingredients of this product are listed on the Inventory of Existing Chemical Substances in China (IECSC).

Philippines: All of the ingredients of this product are listed on the Philippines Inventory of Chemicals and Chemical Substances (PICCS).

U.S. REGULATIONS

CERCLA: Spills of this product are not required to be reported to the National Response Center. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

EPA SARA 302: This product does not contain chemicals regulated under SARA Section 302.

EPA SARA 311 Hazard Classification: None

EPA SARA 313: This product contains the following chemicals that are regulated under SARA Title III, section 313: None

California Prop. 65 Components: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

INTERNATIONAL REGULATIONS

German WGK: 1

15.2 Chemical Safety Assessment:

None required

16 OTHER INFORMATION

Full text of Classification abbreviations used in Section 2 and 3:
None

Supersedes: None

Date updated: N/A

Revision Summary: New SDS – 02-21-2018

Data Sources: US NLM ChemID Plus and HSDB, Substance SDS for components, ECHA REACH Registration Website, Country websites for occupational exposure limits.

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