

# Safety Data Sheet

## 42111 Mötsenböcker's LIFT OFF® Food, Drink, & Pet Stain Remover

# Stoner

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### 1. IDENTIFICATION

Stoner Incorporated  
1070 Robert Fulton Hwy.  
Quarryville, PA 17566  
1-800-227-5538

Product Name: Mötsenböcker's LIFT OFF® Food, Drink, & Pet Stain Remover  
Product Code: 42111  
Product Use: Spot Remover  
24-hour emergency phone: 1-800-424-9300 [CHEMTREC]

### 2. HAZARD IDENTIFICATION

#### POTENTIAL HEALTH EFFECTS

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard Symbols



#### GHS Classification

Flammable Liquid Category 2  
Serious Eye Damage/Eye Irritation Category 2A

#### Signal Word

Danger

#### Hazard Statements

Highly flammable liquid and vapour.  
Causes serious eye irritation.

#### Precautionary Statements

##### Prevention

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
P241 - Use explosion-proof electrical, ventilating and lighting equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
P264 - Wash thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.

##### Response

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
P370+P378 - In case of fire: Use proper media to extinguish.

##### Storage

Keep container tightly closed.  
Store in a well-ventilated place. Keep cool.

##### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS #	Percent
2-propanone	67-64-1	5 - 10
Glycol ether	112-34-5	1 - 5
Glycol ether	111-76-2	1 - 5

#### HMIS® III\* HAZARDOUS WARNINGS:

Health: 2      Flammability: 3      Physical: 0      Personal Protective: See Section 8

\* See [www.paint.org/hmis](http://www.paint.org/hmis) or call the ACA at 1 (202) 462-6272 for more information on this current rating system.

#### 4. FIRST AID MEASURES

Eyes:	Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.
Skin Contact:	In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Seek medical attention if symptoms persist. Wash clothing before reuse.
Ingestion:	Do not induce vomiting. Contact a physician, medical facility, or poison control center immediately.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Continue your efforts until help arrives or the victim starts to breathe on his own. Do not leave victim alone. Seek immediate medical attention. Keep the victim warm and quiet.

#### NOTES TO PHYSICIAN:

This material (or a component) may cause acidosis. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin; lung (for example, asthma-like conditions); liver; kidney; blood forming system;

#### 5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards:	This product contains a component(s) that is considered a flammable liquid, which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point. "Empty" containers retain product residue and can be dangerous.
Fire Fighting Instructions:	Use alcohol foam, water fog, dry chemical, or CO <sub>2</sub> . Water is generally not effective and may spread fire; however, water spray may be used from a safe distance to cool closed containers and protect surrounding area.

#### 6. ACCIDENTAL RELEASE MEASURES

##### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Ventilate contaminated area. Avoid run-off into storm sewers and ditches which may lead to natural waterways. If runoff occurs, notify authorities as required. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly.

#### 7. HANDLING AND STORAGE

Handling:	Do not use near ignition sources. If ventilation is not sufficient, wear proper respiratory equipment. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. Do not store containers in excessive heat or direct sunlight. Protect container against physical damage.
Storage:	Keep container tightly closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Ventilation should be adequate to prevent exposures above the limits indicated below in this section of the SDS (from known, suspected or apparent adverse effects). Local exhaust should be used in areas where exposure limits may be exceeded.
Eye Protection:	Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Have an eye wash station available.
Skin Protection:	The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.
Respiratory Protection:	A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol.

<u>COMPONENT</u>	<u>CAS #</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
2-propanone	67-64-1	500 ppm TWA	Not established	Not established
Glycol ether	112-34-5	20ppm	50ppm	35ppm TWA (Mfg. recommend)
Glycol ether	111-76-2	20 ppm [skin]	Not established	Not established

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Bulk trigger bottle	Lower Flammability Limit (%):	Not applicable
Appearance:	Clear Colorless	Upper Flammability Limit (%):	Not applicable
Odor:	Mild Fruity	Vapor Pressure (PSIG @ 70°F):	No data available
Odor Threshold:	None	Vapor Density [air = 1]:	> 1
pH:	9.5 - 10.5	Relative Density (H <sub>2</sub> O=1):	1.02
Melting/Freezing Point (°F):	No data available	Solubility in Water:	Complete; 100%
Boiling Point (°F):	No data available	Partial Coefficient: n-octanol/water:	No data available
Flash Point (°F PMCC):	57	Autoignition Temperature (°F):	Not applicable
Evaporation Rate:	Not determined	Decomposition Temperature (°F):	No data available
Flammability (solid, gas):	No data available	Viscosity, dynamic (cSt):	No data available
Percent VOCs (%):	< 3		



## 10. STABILITY AND REACTION

Chemical Stability: Stable.  
Conditions to Avoid: Avoid contact with: Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Acids. Strong oxidizing agents. Strong alkalis.  
Decomposition Products: Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Various hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

Reproductive & Developmental Toxicity: No data available.  
IARC Carcinogen Designation: No data available

Ingredient	CAS #	Toxicological Data
2-propanone	67-64-1	Dermal LD50 GUINEA PIG 9400 UL/KG Oral LD50 Mouse 3 GM/KG
Glycol ether	112-34-5	Inhalation LC50 Rat 50100 MG/M3 Oral LD50 GUINEA PIG 2000 mg/kg Oral LD50 Mouse 2400 mg/kg Oral LD50 Mouse 4500 mg/kg Oral LD50 Mouse 6050 mg/kg
Glycol ether	111-76-2	Dermal LD50 Rabbit 220 mg/kg Oral LD50 GUINEA PIG 1200 mg/kg Oral LD50 Rat 250 mg/kg Inhalation LC50 Rat 2900 MG/M3 Inhalation LC50 Mouse 700 ppm Inhalation LC50 Mouse 3380 MG/M3

## 12. ECOLOGICAL INFORMATION

Ecological Toxicity: No data available  
Mobility: No data available  
Degradability: No data available.

Ingredient	CAS #	Toxicological Data
2-propanone	67-64-1	Aquatic LC50 (48h) Rainbow Trout = 6100 mg/L 48HR EC50 Daphnia = 7630 mg/L No data available
Glycol ether	112-34-5	Aquatic LC50 (96h) Bl gill = 1300 mg/L Aquatic LC50 (24h) Daphnia = 2850 mg/L No data available
Glycol ether	111-76-2	Aquatic LC50 (96h) MINNOW = 72860 mg/L Aquatic LC50 (48h) Daphnia > 100 mg/L Aquatic LC50 (96h) Algae 6500 - 13000 mg/L

## 13. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

## 14. TRANSPORTATION INFORMATION

Agency	UN Number	Proper Shipping name	Hazard Class	Packing Group
DOT	UN1993	Flammable Liquids, n.o.s.(Contains Acetone)†	3	II
IATA	UN1993	Flammable Liquids, n.o.s.(Contains Acetone)†	3	II
IMDG	UN1993	Flammable Liquids, n.o.s.(Contains Acetone)†	3	II

† "Limited Quantities" may be applicable for this transportation mode.

## 15. REGULATORY INFORMATION

Warning: This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

COMPONENT	CAS #	% BY WEIGHT	Regulatory Body
No components listed in this section.			SARA Section 313

### Toxic Substances Control Act

All components of this product are listed on the TSCA inventory.

### California Prop 65

This product contains no California Proposition 65 ingredients that cause cancer, birth defects or other reproductive harm.

## 16. OTHER INFORMATION

Other Information : SDS Prepared by L. Dean Swartz, SDS Coordinator

Version Date: 05/29/19

This information contained in this SDS is believed to be accurate as of the version date, but is not warranted to be. Since the use of this information and the conditions of use of this product are not within the control of Stoner Inc, it is the user's obligation to determine the conditions of safe use.

# Safety Data Sheet

## 42112 Mötsenböcker's LIFT OFF® Grease & Oil Stain Remover

# Stoner

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### 1. IDENTIFICATION

Stoner Incorporated 1070 Robert Fulton Hwy. Quarryville, PA 17566 1-800-227-5538	Product Name: Mötsenböcker's LIFT OFF® Grease & Oil Stain Remover Product Code: 42112 Product Use: Spot Remover 24-hour emergency phone: 1-800-424-9300 [CHEMTREC]
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### 2. HAZARD IDENTIFICATION

#### POTENTIAL HEALTH EFFECTS

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard Symbols



#### GHS Classification

Aspiration Hazard Category 1  
Flammable Liquid Category 2

#### Signal Word

Danger

#### Hazard Statements

Highly flammable liquid and vapour.  
May be fatal if swallowed and enters airways.

#### Precautionary Statements

##### Prevention

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
P241 - Use explosion-proof electrical, ventilating and lighting equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Wear protective gloves/protective clothing/eye protection/face protection.

##### Response

P301+P310 - If swallowed: Immediately call a poison center, doctor or medical center.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
Do NOT induce vomiting.  
P370+P378 - In case of fire: Use proper media to extinguish.

##### Storage

Keep container tightly closed.  
Store in a well-ventilated place. Keep cool.  
Store locked up.

##### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS #	Percent
Distillates (petroleum), hydrotreated light	64742-47-8	90 - 99
2-propanone	67-64-1	1 - 5
Methylal	109-87-5	1 - 5

#### HMIS® III\* HAZARDOUS WARNINGS:

Health: 1	Flammability: 3	Physical: 0	Personal Protective Equipment:	See Section 8
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\* See [www.paint.org/hmis](http://www.paint.org/hmis) or call the ACA at 1 (202) 462-6272 for more information on this current rating system.

#### 4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

Skin Contact: Wash the contaminated skin with soap and water. Washclothing before reuse. Seek medical attention if symptoms persist. Seek medical attention if symptoms persist.

Ingestion: Contact a physician, medical facility, or poison control center immediately. Aspiration into the lungs can cause serious damage. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Do not induce vomiting.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Continue your efforts until help arrives or the victim starts to breathe on his own. Do not leave victim alone.

#### NOTES TO PHYSICIAN:

Aspiration during swallowing or vomiting may severely damage the lungs. This material is an aspiration hazard. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin; lung (for example, asthma-like conditions); liver; kidney; blood forming system;

#### 5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards: This product contains a component(s) that is considered a flammable liquid, which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point.

Fire Fighting Instructions: Use CO<sub>2</sub>, foam or dry chemical. Water is generally not effective and may spread fire; however, water spray may be used from a safe distance to cool closed containers and protect surrounding area.

#### 6. ACCIDENTAL RELEASE MEASURES

##### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

If runoff occurs, notify authorities as required. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Avoid breathing vapors. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Ventilate contaminated area.

#### 7. HANDLING AND STORAGE

Handling: Use with adequate ventilation. If ventilation is not sufficient, wear proper respiratory equipment. Do not store containers in excessive heat or direct sunlight. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. Protect container against physical damage. Wash hands thoroughly after handling.

Storage: Keep container tightly closed when not in use. Empty container may contain residues which are hazardous. Store in a cool dry place. Normal precautions common to safe manufacturing practice should be followed in handling and storage.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated below in this section of the SDS (from known, suspected or apparent adverse effects). Local exhaust should be used in areas where exposure limits may be exceeded.

Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Have an eye wash station available.

Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

Respiratory Protection: A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. If the possibility exists that aerosols or mists may be inhaled while handling or processing this material, the use of a NIOSH/MSHA approved dust, fume, and mist respirator designed as respiratory protection against dust, fumes, and mist of materials having an exposure limit of less than 0.05 mg/m<sup>3</sup> is recommended.

COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Distillates (petroleum), hydrotreated light	64742-47-8	TWA: 200 mg/m <sup>3</sup> , (as total hydrocarbon vapor) 8 hours	Not established	Not established
2-propanone	67-64-1	500 ppm TWA	Not established	Not established
Methylal	109-87-5	Not established	1000 ppm; 3100 mg/m <sup>3</sup> 8h TWA	Not established

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Bulk trigger bottle	Lower Flammability Limit (%):	Not applicable
Appearance:	Clear Colorless	Upper Flammability Limit (%):	Not applicable
Odor:	Citrus	Vapor Pressure (PSIG @ 70°F):	No data available
Odor Threshold:	Mild	Vapor Density [air = 1]:	> 1
pH:	Not applicable	Relative Density (H <sub>2</sub> O=1):	0.8
Melting/Freezing Point (°F):	No data available	Solubility in Water:	Not determined
Boiling Point (°F):	No data available	Partial Coefficient: n-octanol/water:	No data available
Flash Point (°F PMCC):	201.2	Autoignition Temperature (°F):	Not applicable
Evaporation Rate:	Not determined	Decomposition Temperature (°F):	No data available
Flammability (solid, gas):	No data available	Viscosity, dynamic (cSt):	No data available
Percent VOCs (%):	< 3		

## 10. STABILITY AND REACTION

Chemical Stability: Stable.  
Conditions to Avoid: Oxidizers. Avoid contact with: Acids. Strong oxidizing agents.  
Decomposition Products: Burning can produce the following combustion products: Carbon dioxide and carbon monoxide.

## 11. TOXICOLOGICAL INFORMATION

Reproductive & Developmental Toxicity: No data available.  
IARC Carcinogen Designation: No data available

Ingredient	CAS #	Toxicological Data
2-propanone	67-64-1	Dermal LD50 GUINEA PIG 9400 UL/KG Oral LD50 Mouse 3 GM/KG Inhalation LC50 Rat 50100 MG/M3

## 12. ECOLOGICAL INFORMATION

Ecological Toxicity: No data available  
Mobility: No data available  
Degradability: No data available.

Ingredient	CAS #	Toxicological Data
2-propanone	67-64-1	Aquatic LC50 (48h) Rainbow Trout = 6100 mg/L 48HR EC50 Daphnia = 7630 mg/L No data available
Methylal	109-87-5	Aquatic LC50 (96h) Fish >= 1000 mg/L 48HR EC50 Daphnia >= 1200 mg/L No data available

## 13. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

## 14. TRANSPORTATION INFORMATION

Agency	UN Number	Proper Shipping name	Hazard Class	Packing Group
DOT	UN1993	Flammable Liquids, n.o.s (contains acetone)†	3	II
IATA	UN1993	Flammable Liquids, n.o.s (contains acetone)†	3	II
IMDG	UN1993	Flammable Liquids, n.o.s (contains acetone)†	3	II

† "Limited Quantities" may be applicable for this transportation mode.

## 15. REGULATORY INFORMATION

Warning: This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

COMPONENT	CAS #	% BY WEIGHT	Regulatory Body
No components listed in this section.			SARA Section 313

### Toxic Substances Control Act

All components of this product are listed on the TSCA inventory.

### California Prop 65

This product contains no California Proposition 65 ingredients that cause cancer, birth defects or other reproductive harm.

## 16. OTHER INFORMATION

Other Information : SDS Prepared by L. Dean Swartz, SDS Coordinator

Version Date: 05/29/19

This information contained in this SDS is believed to be accurate as of the version date, but is not warranted to be. Since the use of this information and the conditions of use of this product are not within the control of Stoner Inc, it is the user's obligation to determine the conditions of safe use.



# Safety Data Sheet

## 42113 Mötsenböcker's LIFT OFF® Marker, Pen & Ink

# Stoner

### Stain Remover

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#### 1. IDENTIFICATION

Stoner Incorporated

1070 Robert Fulton Hwy.  
Quarryville, PA 17566  
1-800-227-5538

Product Name:

Mötsenböcker's LIFT OFF® Marker, Pen &  
Ink Stain Remover

Product Code:

42113

Product Use:

Graffiti & Paint Remover

24-hour emergency phone:

1-800-424-9300 [CHEMTREC]

#### 2. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard Symbols



GHS Classification

Flammable Liquid Category 2  
Skin Corrosion/Irritation Category 2  
Serious Eye Damage/Eye Irritation Category 2A

Signal Word

Danger

Hazard Statements

Highly flammable liquid and vapour.  
Causes skin irritation.  
Causes serious eye irritation.

Precautionary Statements

**Prevention**

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
P241 - Use explosion-proof electrical, ventilating and lighting equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
P264 - Wash thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

P302+P352 - If on skin: Wash with plenty of soap and water.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321 - Specific treatment (see on this SDS).  
If skin irritation occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.

P370+P378 - In case of fire: Use proper media to extinguish.

**Storage**

Keep container tightly closed.  
Store in a well-ventilated place. Keep cool.

**Disposal**

Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT  
Glycol ether

CAS #  
111-76-2

Percent  
1-20

2-propanone 67-64-1 5 - 10  
 Organic acid Mixture 3 - 7

HMIS® III\* HAZARDOUS WARNINGS:

Health: 2 Flammability: 3 Physical: 0 Personal Protective Equipment: See Section 8

\* See www.paint.org/hmis or call the ACA at 1 (202) 462-6272 for more information on this current rating system.

**4. FIRST AID MEASURES**

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention. Immediately move individual away from exposure and into fresh air. Seek immediate medical attention.  
 Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Seek medical attention if symptoms persist. Wash clothing before reuse. Wash the contaminated skin with soap and water.  
 Ingestion: Do not induce vomiting. Contact a physician, medical facility, or poison control center immediately.  
 Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep the victim warm and quiet. Seek immediate medical attention. Continue your efforts until help arrives or the victim starts to breathe on his own. Do not leave victim alone.

NOTES TO PHYSICIAN:

No additional first aid information available. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: lung (for example, asthma-like conditions); liver; kidney; skin; blood forming system;

**5. FIRE FIGHTING MEASURES**

Fire and/or Explosion Hazards: This product contains a component(s) that is considered a flammable liquid, which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point.  
 Fire Fighting Instructions: Use water spray, foam, dry chemical, or CO2. Water is generally not effective and may spread fire; however, water spray may be used from a safe distance to cool closed containers and protect surrounding area.

**6. ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Ventilate contaminated area. Avoid run-off into storm sewers and ditches which may lead to natural waterways. If runoff occurs, notify authorities as required. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.

**7. HANDLING AND STORAGE**

Handling: If ventilation is not sufficient, wear proper respiratory equipment. Do not use near ignition sources. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. Do not store containers in excessive heat or direct sunlight. Protect container against physical damage. Use with adequate ventilation.  
 Storage: Keep container tightly closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. Keep away from heat, sparks and flame.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated below in this section of the SDS (from known, suspected or apparent adverse effects). Local exhaust should be used in areas where exposure limits may be exceeded.  
 Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Have an eye wash station available.  
 Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.  
 Respiratory Protection: Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. If respiratory irritation develops below the recommended exposure limits, use an NIOSH approved nuisance dust/mist/organic vapor respirator.

<u>COMPONENT</u>	<u>CAS #</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Glycol ether	111-76-2	20 ppm [skin]	Not established	Not established
2-propanone	67-64-1	500 ppm TWA	Not established	Not established
Organic acid	Mixture	2 mg/m <sup>3</sup>	Not established	Not established



## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Bulk trigger bottle	Lower Flammability Limit (%):	0
Appearance:	Clear Colorless	Upper Flammability Limit (%):	13
Odor:	Fruity	Vapor Pressure (PSIG @ 70°F):	No data available
Odor Threshold:	None	Vapor Density [air = 1]:	> 1
pH:	8.5 - 9.5	Relative Density (H2O=1):	1
Melting/Freezing Point (°F):	No data available	Solubility in Water:	Complete; 100%
Boiling Point (°F):	No data available	Partial Coefficient: n-octanol/water:	No data available
Flash Point (°F PMCC):	58.0	Autoignition Temperature (°F):	Not applicable
Evaporation Rate:	Not determined	Decomposition Temperature (°F):	No data available
Flammability (solid, gas):	No data available	Viscosity, dynamic (cSt):	No data available
Percent VOCs (%):	1-20		

## 10. STABILITY AND REACTION

Chemical Stability:	Stable.
Conditions to Avoid:	Avoid contact with: Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Strong alkalis. Strong oxidizing agents. Acids. Aluminum. Copper. Reactive materials such as aluminum and magnesium.
Decomposition Products:	Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Various hydrocarbons. Ammonia. Oxides of nitrogen.

## 11. TOXICOLOGICAL INFORMATION

Reproductive & Developmental Toxicity:	No data available.
IARC Carcinogen Designation:	No data available

Ingredient	CAS #	Toxicological Data
Glycol ether	111-76-2	Dermal LD50 Rabbit 220 mg/kg Oral LD50 GUINEA PIG 1200 mg/kg Oral LD50 Rat 250 mg/kg Inhalation LC50 Rat 2900 MG/M3 Inhalation LC50 Mouse 700 ppm Inhalation LC50 Mouse 3380 MG/M3
2-propanone	67-64-1	Dermal LD50 GUINEA PIG 9400 UL/KG Oral LD50 Mouse 3 GM/KG Inhalation LC50 Rat 50100 MG/M3

## 12. ECOLOGICAL INFORMATION

Ecological Toxicity:	No data available
Mobility:	No data available
Degradability:	No data available.

Ingredient	CAS #	Toxicological Data
Glycol ether	111-76-2	Aquatic LC50 (96h) MINNOW = 72860 mg/L Aquatic LC50 (48h) Daphnia > 100 mg/L Aquatic LC50 (96h) Algae 6500 - 13000 mg/L Aquatic LC50 (48h) Rainbow Trout = 6100 mg/L 48HR EC50 Daphnia = 7630 mg/L No data available
2-propanone	67-64-1	

## 13. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

## 14. TRANSPORTATION INFORMATION

Agency	UN Number	Proper Shipping name	Hazard Class	Packing Group
DOT	UN1993	Flammable Liquids, n.o.s.(Contains Acetone)†	3	II
IATA	UN1993	Flammable Liquids, n.o.s.(Contains Acetone)†	3	II
IMDG	UN1993	Flammable Liquids, n.o.s.(Contains Acetone)†	3	II

† "Limited Quantities" may be applicable for this transportation mode.

## 15. REGULATORY INFORMATION

Warning: This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

COMPONENT	CAS #	% BY WEIGHT	Regulatory Body
No components listed in this section.			SARA Section 313

### Toxic Substances Control Act

All components of this product are listed on the TSCA inventory.

### California Prop 65

This product contains no California Proposition 65 ingredients that cause cancer, birth defects or other reproductive harm.

## 16. OTHER INFORMATION

Other Information : SDS Prepared by L. Dean Swartz, SDS Coordinator

Version Date: 05/29/19

**This information contained in this SDS is believed to be accurate as of the version date, but is not warranted to be. Since the use of this information and the conditions of use of this product are not within the control of Stoner Inc, it is the user's obligation to determine the conditions of safe use.**