

SECTION 1: Identification**1.1. Identification**

Product form : Mixture
Product name : Dark Forest Brown
Product code : PDBFB

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Intended for professional use as tattoo ink/permanent makeup ink

1.3. Supplier

Ink Projects LLC
460 Greenway Industrial Drive, Suite A
Fort Mill, SC, 29708

1.4. Emergency telephone number

Emergency number : +1-813-248-0585. In case of emergency search for territorial toxicological emergency number or call 112

SECTION 2: Hazard(s) identification**2.1. Classification of the substance or mixture****GHS US classification**

Not classified

2.2. GHS Label elements, including precautionary statements**GHS US labeling**

No labeling applicable

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/Information on ingredients**3.1. Substances**

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Water	CAS-No.: 7732-18-5	25 – 50	Not classified
White 6 (CI:77891)	CAS-No.: 13463-67-7	15 – 25	Not classified
Acrylates Copolymers	CAS-No.: 25133-97-5	5 – 10	Not classified

Dark Forest Brown

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Name	Product identifier	%	GHS US classification
Yellow 14 (CI:21095)	CAS-No.: 5468-75-7	5 – 10	Not classified
Yellow 97 (CI:11767)	CAS-No.: 12225-18-2	5 – 10	Not classified
Glycerin	CAS-No.: 56-81-5	5 – 10	Not classified
Red 254 (CI:56110)	CAS-No.: 84632-65-5	1 – 5	Not classified
Black 7 (CI:77266)	CAS-No.: 1333-86-4	1 – 5	Not classified
Red 269 (CI:12466)	CAS-No.: 67990-05-0	1 – 5	Not classified
Ammonium Hydroxide (pH regulator)	CAS-No.: 1336-21-6	1 – 5	Not classified
Benzyl Alcohol	CAS-No.: 100-51-6	1 – 5	Not classified
Isopropyl Alcohol	CAS-No.: 67-63-0	0.5 – 1	Not classified
Witch Hazel Extract	CAS-No.: 977002-98-4	0.5 – 1	Not classified
Oleth-9	CAS-No.: 9004-98-2	0.5 – 1	Not classified
Lecithin	CAS-No.: 8002-43-5	0.1 – 0.5	Not classified
Mineral Oil	CAS-No.: 8042-47-5	0.1 – 0.5	Not classified
Dipropylene Glycol	CAS-No.: 25265-71-8	0.1 – 0.5	Not classified
Alcohol	CAS-No.: 64-17-5	0.1 – 0.5	Not classified
Benzisothialinone	CAS-No.: 2634-33-5	< 0.1	Not classified
Methyl Pyrrolidone	CAS-No.: 872-50-4	< 0.1	Not classified
Sodium Hydroxide	CAS-No.: 1310-73-2	< 0.1	Not classified

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water.
First-aid measures after eye contact : Rinse eyes with water as a precaution.
First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

No additional information available

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

Dark Forest Brown

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Dark Forest Brown

No additional information available

Water (7732-18-5)

No additional information available

White 6 (CI:77891) (13463-67-7)

USA - ACGIH - Occupational Exposure Limits

Local name	Titanium dioxide
ACGIH OEL TWA	10 mg/m ³

Dark Forest Brown

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

White 6 (CI:77891) (13463-67-7)	
Remark (ACGIH)	TLV® Basis: LRT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2021
USA - OSHA - Occupational Exposure Limits	
Local name	Titanium dioxide (Total dust)
OSHA PEL TWA [1]	15 mg/m ³
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Acrylates Copolymers (25133-97-5)	
No additional information available	
Yellow 14 (CI:21095) (5468-75-7)	
No additional information available	
Yellow 97 (CI:11767) (12225-18-2)	
No additional information available	
Glycerin (56-81-5)	
USA - OSHA - Occupational Exposure Limits	
Local name	Glycerin (mist)
OSHA PEL TWA [1]	15 mg/m ³ (Total dust) 5 mg/m ³ (Respirable fraction)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Red 254 (CI:56110) (84632-65-5)	
No additional information available	
Red 269 (CI:12466) (67990-05-0)	
No additional information available	
Ammonium Hydroxide (pH regulator) (1336-21-6)	
No additional information available	
Benzyl Alcohol (100-51-6)	
No additional information available	
Isopropyl Alcohol (67-63-0)	
USA - ACGIH - Occupational Exposure Limits	
Local name	2-Propanol
ACGIH OEL TWA [ppm]	200 ppm
ACGIH OEL STEL [ppm]	400 ppm
Remark (ACGIH)	TLV® Basis: Eye & URT irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2022
USA - OSHA - Occupational Exposure Limits	
Local name	Isopropyl alcohol
OSHA PEL TWA [1]	980 mg/m ³

Dark Forest Brown

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Isopropyl Alcohol (67-63-0)	
OSHA PEL TWA [2]	400 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Witch Hazel Extract (977002-98-4)	
No additional information available	
Oleth-9 (9004-98-2)	
No additional information available	
Lecithin (8002-43-5)	
No additional information available	
Mineral Oil (8042-47-5)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	5 mg/m ³ (Inhalable fraction)
Dipropylene Glycol (25265-71-8)	
No additional information available	
Alcohol (64-17-5)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Ethanol
ACGIH OEL STEL [ppm]	1000 ppm
Remark (ACGIH)	TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2022
USA - OSHA - Occupational Exposure Limits	
Local name	Ethyl alcohol (Ethanol)
OSHA PEL TWA [1]	1900 mg/m ³
OSHA PEL TWA [2]	1000 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Benzisothialinone (2634-33-5)	
No additional information available	
Methyl Pyrrolidone (872-50-4)	
No additional information available	
Sodium Hydroxide (1310-73-2)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Sodium hydroxide
ACGIH OEL C	2 mg/m ³
Remark (ACGIH)	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2022

Dark Forest Brown

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Sodium Hydroxide (1310-73-2)	
USA - OSHA - Occupational Exposure Limits	
Local name	Sodium hydroxide
OSHA PEL TWA [1]	2 mg/m ³
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Black 7 (CI:77266) (1333-86-4)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Carbon black
ACGIH OEL TWA	3 mg/m ³ (Inhalable fraction)
Remark (ACGIH)	TLV® Basis: Bronchitis. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2021
USA - OSHA - Occupational Exposure Limits	
Local name	Carbon black
OSHA PEL TWA [1]	3.5 mg/m ³
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:
Protective gloves
Eye protection:
Safety glasses
Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Color : brown

Dark Forest Brown

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Odor	: There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure. Mixture contains one or more component(s) which have the following odour: Odourless Irritating/pungent odour Fruity odour Aromatic odour Mild odour Alcohol odour Stuffiness odour Almost odourless Pleasant odour Amine-like odour Smell of fish
Odor threshold	: No data available
pH	: 7.5 – 8.5
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: > 100 °C
Flash point	: > 92 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Particle size	: < 1 µm
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

Water (7732-18-5)	
Boiling point	100 °C
Vapor pressure	23.8 mm Hg

White 6 (CI:77891) (13463-67-7)	
Boiling point	3000 °C (1013 hPa)
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Vapor pressure	Not applicable (solid)
Particle size	94 – 99 µm (D10, DIN EN 481)

Acrylates Copolymers (25133-97-5)	
Flash point	300 °C

Yellow 14 (CI:21095) (5468-75-7)	
Auto-ignition temperature	200 – 250 °C (T4)
Vapor pressure	< 0.01 hPa (25 °C)

Yellow 97 (CI:11767) (12225-18-2)	
Vapor pressure	< 0.000001 Pa Temp.: 25 °C

Dark Forest Brown

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Glycerin (56-81-5)	
Boiling point	290 °C (1013 hPa)
Flash point	199 °C (Closed cup, 1013 hPa, ISO 2719: Flash point (Pensky-Martens))
Auto-ignition temperature	370 °C (T2)
Vapor pressure	< 0.01 hPa (20 °C)
Particle size	Not applicable (liquid)

Red 269 (CI:12466) (67990-05-0)	
Boiling point	856.37 °C
Flash point	374.7 °C Source: lookchem
Vapor pressure	< 0.000001 Pa Temp.: 25 °C

Ammonium Hydroxide (pH regulator) (1336-21-6)	
Boiling point	36 °C
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Vapor pressure	> 150 hPa (20 °C)
Particle size	Not applicable (liquid)

Benzyl Alcohol (100-51-6)	
Boiling point	205 °C (1013 hPa)
Flash point	100 °C (Open cup)
Auto-ignition temperature	436 °C (T2)
Vapor pressure	0.07 hPa (20 °C)
Vapor pressure at 50 °C	1 hPa (Antoine equation)
Particle size	Not applicable (liquid)

Isopropyl Alcohol (67-63-0)	
Boiling point	83 °C (1013 hPa)
Flash point	12 °C (Closed cup)
Auto-ignition temperature	399 °C (T2)
Vapor pressure	44 hPa (20 °C)
Vapor pressure at 50 °C	236 hPa (Antoine equation)
Particle size	Not applicable (liquid)

Oleth-9 (9004-98-2)	
Boiling point	> 100 °C
Flash point	> 149 °C
Vapor pressure	< 1 Pa Temp.: 20 °C

Dark Forest Brown

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Mineral Oil (8042-47-5)	
Boiling point	218 – 800 °C (1013 hPa, ASTM D1160: Distillation of Petroleum Products at Reduced Pressure)
Flash point	> 112 °C (Closed cup, 1013 hPa, EN ISO 2719: Pensky-Martens)
Auto-ignition temperature	325 – 355 °C (1013 hPa, ASTM E659-78: Self-ignition temperature, T2)
Vapor pressure	< 0.1 hPa (20 °C, OECD 104: Vapour Pressure)
Particle size	Not applicable (liquid)

Dipropylene Glycol (25265-71-8)	
Boiling point	227 °C (983.6 hPa)
Flash point	130 °C (988.8 hPa)
Auto-ignition temperature	332 °C (989.6 - 1001.8 hPa, T2)
Vapor pressure	0.013 hPa (25 °C)
Particle size	Not applicable (liquid)

Alcohol (64-17-5)	
Boiling point	78 °C (1013 hPa)
Flash point	13 °C (Closed cup, 1013.25 hPa)
Auto-ignition temperature	363 – 425 °C (1013.25 hPa, T2)
Vapor pressure	57 hPa (20 °C)
Vapor pressure at 50 °C	300 hPa
Particle size	Not applicable (liquid)

Benzisothialinone (2634-33-5)	
Boiling point	Not applicable (decomposes), EU Method A.2: Boiling point
Flash point	Not applicable (solid)
Auto-ignition temperature	> 400 °C (EU Method A.16: Relative Self-Ignition Temperature for Solids, T2)
Vapor pressure	< 0.01 hPa (25 °C, EU Method A.4: Vapour Pressure)
Particle size	No data available (test not performed)

Methyl Pyrrolidone (872-50-4)	
Boiling point	204 °C (1016 hPa, Equivalent or similar to OECD 104)
Flash point	91 °C (Closed cup, 1013 hPa, DIN 51758: Flash point (Pensky-Martens))
Auto-ignition temperature	245 °C (1013 hPa, DIN 51794: Self-ignition temperature, T3)
Vapor pressure	0.32 hPa (20 °C, Equivalent or similar to OECD 104)
Vapor pressure at 50 °C	2.54 hPa (Equivalent or similar to OECD 104)
Particle size	Not applicable (liquid)

Dark Forest Brown

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Sodium Hydroxide (1310-73-2)	
Boiling point	1388 °C (1013 hPa)
Flash point	Not applicable (solid)
Auto-ignition temperature	Not applicable
Vapor pressure	< 0.01 hPa (25 °C)
Particle size	No data available in the literature

Black 7 (Cl:77266) (1333-86-4)	
Boiling point	Not applicable (sublimates)
Flash point	Not applicable (inorganic)
Auto-ignition temperature	183 °C (1000 hPa)
Vapor pressure	Not applicable (solid)
Particle size	12 – 13 µm (D50, DIN EN ISO/IEC 17025: Adiabatic hot storage test)

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Dark Forest Brown

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Water	
ATE US (oral)	90000 mg/kg body weight
Glycerin	
LD50 dermal	56750 mg/kg (4 day(s), Experimental value, Dermal, 14 day(s))
ATE US (oral)	27200 mg/kg body weight
ATE US (dermal)	56750 mg/kg body weight
Ammonium Hydroxide (pH regulator)	
LD50 oral	350 mg/kg
ATE US (oral)	350 mg/kg body weight
Benzyl Alcohol	
LD50 oral	1200 mg/kg
LD50 dermal	2000 mg/kg
ATE US (oral)	1200 mg/kg body weight
ATE US (dermal)	2000 mg/kg body weight
Isopropyl Alcohol	
LD50 oral	4384 mg/kg
ATE US (oral)	4384 mg/kg body weight
ATE US (dermal)	12890400 mg/kg body weight
Oleth-9	
ATE US (dermal)	2000 mg/kg body weight
Dipropylene Glycol	
ATE US (vapors)	2.34 mg/l/4h
ATE US (dust, mist)	2.34 mg/l/4h
Alcohol	
ATE US (oral)	10470 mg/kg body weight
Benzisothialinone	
LD50 oral	670 mg/kg
ATE US (oral)	490 mg/kg body weight
Methyl Pyrrolidone	
ATE US (oral)	4150 mg/kg body weight
Sodium Hydroxide	
ATE US (dermal)	325 mg/kg body weight

Skin corrosion/irritation	: Not classified. pH: 7.5 – 8.5
Serious eye damage/irritation	: Not classified pH: 7.5 – 8.5
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

Dark Forest Brown

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

White 6 (CI:77891) (13463-67-7)	
IARC group	2B - Possibly carcinogenic to humans
Isopropyl Alcohol (67-63-0)	
IARC group	3 - Not classifiable
Alcohol (64-17-5)	
IARC group	1 - Carcinogenic to humans
Black 7 (CI:77266) (1333-86-4)	
IARC group	2B - Possibly carcinogenic to humans
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
White 6 (CI:77891) (13463-67-7)	
Viscosity, kinematic	Not applicable (solid)
Glycerin (56-81-5)	
Viscosity, kinematic	No data available in the literature
Ammonium Hydroxide (pH regulator) (1336-21-6)	
Viscosity, kinematic	No data available in the literature
Benzyl Alcohol (100-51-6)	
Viscosity, kinematic	No data available in the literature
Isopropyl Alcohol (67-63-0)	
Viscosity, kinematic	2.66 mm ² /s (25 °C, Estimated value)
Mineral Oil (8042-47-5)	
Viscosity, kinematic	> 3 mm ² /s (40 °C, ISO 3104: Determination of kinematic viscosity and calculation of dynamic viscosity)
Dipropylene Glycol (25265-71-8)	
Viscosity, kinematic	118 mm ² /s (20 °C)
Alcohol (64-17-5)	
Viscosity, kinematic	1.6 mm ² /s (20 °C)
Benzisothialinone (2634-33-5)	
Viscosity, kinematic	Not applicable (solid)
Methyl Pyrrolidone (872-50-4)	
Viscosity, kinematic	No data available in the literature
Sodium Hydroxide (1310-73-2)	
Viscosity, kinematic	No data available in the literature
Black 7 (CI:77266) (1333-86-4)	
Viscosity, kinematic	No data available (test not performed)

Dark Forest Brown

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

12.2. Persistence and degradability

Water (7732-18-5)

Not rapidly degradable

White 6 (CI:77891) (13463-67-7)

Not rapidly degradable

Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

Acrylates Copolymers (25133-97-5)

Not rapidly degradable

Yellow 14 (CI:21095) (5468-75-7)

Not rapidly degradable

Persistence and degradability	Biodegradability in water: no data available.
-------------------------------	---

Yellow 97 (CI:11767) (12225-18-2)

Not rapidly degradable

Glycerin (56-81-5)

Not rapidly degradable

Persistence and degradability	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.87 g O ₂ /g substance
Chemical oxygen demand (COD)	1.16 g O ₂ /g substance
ThOD	1.217 g O ₂ /g substance

Red 254 (CI:56110) (84632-65-5)

Not rapidly degradable

Red 269 (CI:12466) (67990-05-0)

Not rapidly degradable

Ammonium Hydroxide (pH regulator) (1336-21-6)

Persistence and degradability	Biodegradable in the soil. Contains readily biodegradable component(s).
-------------------------------	---

Benzyl Alcohol (100-51-6)

Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
-------------------------------	--

Isopropyl Alcohol (67-63-0)

Persistence and degradability	Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. Readily biodegradable in water.
-------------------------------	--

Dark Forest Brown

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Isopropyl Alcohol (67-63-0)	
Biochemical oxygen demand (BOD)	1.19 g O ₂ /g substance
Chemical oxygen demand (COD)	2.23 g O ₂ /g substance
ThOD	2.4 g O ₂ /g substance
Oleth-9 (9004-98-2)	
Not rapidly degradable	
Lecithin (8002-43-5)	
Not rapidly degradable	
Mineral Oil (8042-47-5)	
Not rapidly degradable	
Persistence and degradability	Not readily biodegradable in water.
Dipropylene Glycol (25265-71-8)	
Not rapidly degradable	
Persistence and degradability	Readily biodegradable in water.
Alcohol (64-17-5)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.8 – 0.967 g O ₂ /g substance
Chemical oxygen demand (COD)	1.7 g O ₂ /g substance
ThOD	2.1 g O ₂ /g substance
Benzisothialinone (2634-33-5)	
Not rapidly degradable	
Persistence and degradability	Not readily biodegradable in water.
Methyl Pyrrolidone (872-50-4)	
Persistence and degradability	Readily biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	1.07 g O ₂ /g substance
Chemical oxygen demand (COD)	1.56 g O ₂ /g substance
ThOD	1.9 g O ₂ /g substance
Sodium Hydroxide (1310-73-2)	
Not rapidly degradable	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)
Black 7 (CI:77266) (1333-86-4)	
Not rapidly degradable	
Persistence and degradability	Biodegradability in soil: not applicable. Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)

Dark Forest Brown

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Black 7 (CI:77266) (1333-86-4)	
ThOD	Not applicable (inorganic)
12.3. Bioaccumulative potential	
White 6 (CI:77891) (13463-67-7)	
Bioaccumulative potential	Not bioaccumulative.
Glycerin (56-81-5)	
Bioaccumulative potential	Not bioaccumulative.
Ammonium Hydroxide (pH regulator) (1336-21-6)	
Bioaccumulative potential	Does not contain bioaccumulative component(s).
Benzyl Alcohol (100-51-6)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
Isopropyl Alcohol (67-63-0)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
Mineral Oil (8042-47-5)	
Bioaccumulative potential	Potential for bioaccumulation (500 ≤ BCF ≤ 5000).
Dipropylene Glycol (25265-71-8)	
Bioaccumulative potential	Bioaccumulation: not applicable.
Alcohol (64-17-5)	
Bioaccumulative potential	Not bioaccumulative.
Benzisothalinone (2634-33-5)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
Methyl Pyrrolidone (872-50-4)	
Bioaccumulative potential	Not bioaccumulative.
Sodium Hydroxide (1310-73-2)	
Bioaccumulative potential	Not bioaccumulative.
Black 7 (CI:77266) (1333-86-4)	
Bioaccumulative potential	Not bioaccumulative.
12.4. Mobility in soil	
White 6 (CI:77891) (13463-67-7)	
Surface tension	No data available in the literature
Ecology - soil	Low potential for mobility in soil.
Yellow 97 (CI:11767) (12225-18-2)	
Mobility in soil	10430 Source: EPISUITE
Glycerin (56-81-5)	
Surface tension	63.4 mN/m (20 °C, 1000 g/l)

Dark Forest Brown

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Glycerin (56-81-5)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Highly mobile in soil.
Red 254 (CI:56110) (84632-65-5)	
Mobility in soil	77540 Source: Quantitative Structure Activity Relation
Red 269 (CI:12466) (67990-05-0)	
Mobility in soil	490000 Source: EPISUITE
Ammonium Hydroxide (pH regulator) (1336-21-6)	
Surface tension	No data available in the literature
Ecology - soil	No (test)data on mobility of the component(s) available.
Benzyl Alcohol (100-51-6)	
Surface tension	39 mN/m (20 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.122 – 1.332 (log Koc, SRC PCKOCWIN v2.0, QSAR)
Ecology - soil	Highly mobile in soil.
Isopropyl Alcohol (67-63-0)	
Surface tension	No data available (test not performed)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.185 – 0.541 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Highly mobile in soil.
Lecithin (8002-43-5)	
Mobility in soil	28.57 Source: Quantitative Structure Activity Relation
Mineral Oil (8042-47-5)	
Surface tension	No data available in the literature
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.64 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Low potential for adsorption in soil.
Dipropylene Glycol (25265-71-8)	
Surface tension	71.4 mN/m (22 °C, 1.01 g/l)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.78 (log Koc, Calculated value)
Ecology - soil	Low potential for adsorption in soil.
Alcohol (64-17-5)	
Surface tension	22.31 mN/m (20 °C, 100 %)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.2 (log Koc, Experimental value)
Ecology - soil	Highly mobile in soil.

Dark Forest Brown

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Benzisothialinone (2634-33-5)	
Surface tension	72.6 mN/m (20 °C, 0.1 %, EU Method A.5: Surface tension)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.97 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)
Ecology - soil	Highly mobile in soil.
Methyl Pyrrolidone (872-50-4)	
Surface tension	No data available in the literature
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.87 (log Koc, SRC PCKOCWIN v2.0, QSAR)
Ecology - soil	Highly mobile in soil.
Sodium Hydroxide (1310-73-2)	
Surface tension	No data available in the literature
Ecology - soil	No (test)data on mobility of the substance available.
Black 7 (CI:77266) (1333-86-4)	
Surface tension	Not applicable (solid)
Ecology - soil	No (test)data on mobility of the substance available. Not toxic to plants. Not toxic to animals.

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
Not regulated for transport			
14.2. Proper Shipping Name			
Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group			
Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated

Dark Forest Brown

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

DOT	TDG	IMDG	IATA
No supplementary information available			

14.6. Special precautions for user

DOT

Not regulated

TDG

Not regulated

IMDG

Not regulated

IATA

Not regulated

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for:

Yellow 14 (CI:21095)	CAS-No. 5468-75-7	5 – 10%
Yellow 97 (CI:11767)	CAS-No. 12225-18-2	5 – 10%
Red 269 (CI:12466)	CAS-No. 67990-05-0	1 – 5%
Isopropyl Alcohol	CAS-No. 67-63-0	0.5 – 1%
Witch Hazel Extract	CAS-No. 977002-98-4	0.5 – 1%
Oleth-9	CAS-No. 9004-98-2	0.5 – 1%
Lecithin	CAS-No. 8002-43-5	0.1 – 0.5%
Dipropylene Glycol	CAS-No. 25265-71-8	0.1 – 0.5%
Alcohol	CAS-No. 64-17-5	0.1 – 0.5%
Benzisothialinone	CAS-No. 2634-33-5	< 0.1%
Methyl Pyrrolidone	CAS-No. 872-50-4	< 0.1%
Sodium Hydroxide	CAS-No. 1310-73-2	< 0.1%

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Ammonium Hydroxide (pH regulator)	CAS-No. 1336-21-6	1 – 5%
-----------------------------------	-------------------	--------

Ammonium Hydroxide (pH regulator) (1336-21-6)

CERCLA RQ	1000 lb
-----------	---------

Dark Forest Brown

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

15.2. International regulations

CANADA

Water (7732-18-5)

Listed on the Canadian DSL (Domestic Substances List)

White 6 (CI:77891) (13463-67-7)

Listed on the Canadian DSL (Domestic Substances List)

Acrylates Copolymers (25133-97-5)

Listed on the Canadian DSL (Domestic Substances List)

Glycerin (56-81-5)

Listed on the Canadian DSL (Domestic Substances List)

Red 254 (CI:56110) (84632-65-5)

Listed on the Canadian DSL (Domestic Substances List)

Ammonium Hydroxide (pH regulator) (1336-21-6)

Listed on the Canadian DSL (Domestic Substances List)

Benzyl Alcohol (100-51-6)

Listed on the Canadian DSL (Domestic Substances List)

Mineral Oil (8042-47-5)

Listed on the Canadian DSL (Domestic Substances List)

Black 7 (CI:77266) (1333-86-4)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Water (7732-18-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

White 6 (CI:77891) (13463-67-7)

Listed on IARC (International Agency for Research on Cancer)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Glycerin (56-81-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Dark Forest Brown

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Ammonium Hydroxide (pH regulator) (1336-21-6)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Benzyl Alcohol (100-51-6)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Mineral Oil (8042-47-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Black 7 (CI:77266) (1333-86-4)

Listed on IARC (International Agency for Research on Cancer)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. US State regulations



WARNING:

This product can expose you to Carbon black (airborne, unbound particles of respirable size), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.