

1. IDENTIFICATION

Product identifier

Product Name EuroCat Pre-Cat Lacquer Dull Satin

Other means of identification

Product Code CL0762-013

UN/ID no UN1950

SKU(s) None

Recommended use of the chemical and restrictions on use

Recommended Use No information available.

Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address

Diamond Vogel
1020 Albany Place SE
Orange City, IA 51041
Phone: (712) 737-4993
Fax: (712) - 737-4997

Emergency telephone number

Emergency Telephone Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| | |
|--|-------------|
| Serious eye damage/eye irritation | Category 1 |
| Germ cell mutagenicity | Category 1B |
| Carcinogenicity | Category 1A |
| Specific target organ toxicity (single exposure) | Category 3 |
| Flammable aerosols | Category 1 |

Emergency Overview

Danger

Hazard statements

Causes serious eye damage
May cause genetic defects
May cause cancer
May cause respiratory irritation. May cause drowsiness or dizziness
Extremely flammable aerosol



Appearance No information available**Physical state** Aerosol**Odor** No information available**Precautionary Statements - Prevention**

Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood
 Use personal protective equipment as required
 Avoid breathing dust/fume/gas/mist/vapors/spray
 Use only outdoors or in a well-ventilated area

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 Immediately call a POISON CENTER or doctor/physician
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Precautionary Statements - Storage

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

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)**Other Information**

- May be harmful if swallowed
- Causes mild skin irritation

Unknown acute toxicity

0.01% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name | CAS No | Weight-% | Trade Secret |
|--------------------------------------|------------|----------|--------------|
| Acetone | 67-64-1 | 15 - 40 | * |
| Propane | 74-98-6 | 10 - 30 | * |
| Butyl Acetate | 123-86-4 | 7 - 13 | * |
| Butane | 106-97-8 | 5 - 10 | * |
| n-Butanol | 71-36-3 | 3 - 7 | * |
| Methyl Amyl Ketone | 110-43-0 | 1 - 5 | * |
| Nitrocellulose | 9004-70-0 | 1 - 5 | * |
| Isobutyl Alcohol | 78-83-1 | 1 - 5 | * |
| Isopropyl Alcohol | 67-63-0 | 1 - 5 | * |
| Ethylene Glycol Butyl Ether | 111-76-2 | 1 - 5 | * |
| Solvent Naphtha, Light Aliphatic | 64742-89-8 | 1 - 5 | * |
| Ethyl Benzene | 100-41-4 | 0.1 - 1 | * |
| Hydrodesulfurized heavy pet. naphtha | 64742-82-1 | 0.1 - 1 | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin Contact Call a physician immediately.

Inhalation Move victim to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately. If breathing is difficult, give oxygen.

Ingestion Do NOT induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

Extremely flammable.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Cover liquid spill with sand, earth or other non-combustible absorbent material.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials Strong acids. Strong oxidizing agents. Chlorinated compounds. Acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters**Exposure Guidelines**

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|--|---|---|
| Acetone 67-64-1 | STEL: 500 ppm TWA: 250 ppm | TWA: 1000 ppm TWA: 2400 mg/m ³ (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m ³ (vacated) STEL: 2400 mg/m ³ The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors. (vacated) STEL: 1000 ppm | IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m ³ |
| Propane 74-98-6 | : See Appendix F: Minimal Oxygen Content, explosion hazard | TWA: 1000 ppm TWA: 1800 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m ³ | IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³ |
| Butyl Acetate 123-86-4 | STEL: 150 ppm TWA: 50 ppm | TWA: 150 ppm TWA: 710 mg/m ³ (vacated) TWA: 150 ppm (vacated) TWA: 710 mg/m ³ (vacated) STEL: 200 ppm (vacated) STEL: 950 mg/m ³ | IDLH: 1700 ppm TWA: 150 ppm TWA: 710 mg/m ³ STEL: 200 ppm STEL: 950 mg/m ³ |
| Butane 106-97-8 | STEL: 1000 ppm explosion hazard | (vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m ³ | IDLH: 1600 ppm TWA: 800 ppm TWA: 1900 mg/m ³ |
| n-Butanol 71-36-3 | TWA: 20 ppm | TWA: 100 ppm TWA: 300 mg/m ³ (vacated) S* (vacated) Ceiling: 50 ppm (vacated) Ceiling: 150 mg/m ³ | IDLH: 1400 ppm Ceiling: 50 ppm Ceiling: 150 mg/m ³ |
| Methyl Amyl Ketone 110-43-0 | TWA: 50 ppm | TWA: 100 ppm TWA: 465 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 465 mg/m ³ | IDLH: 800 ppm TWA: 100 ppm TWA: 465 mg/m ³ |
| Isobutyl Alcohol 78-83-1 | TWA: 50 ppm | TWA: 100 ppm TWA: 300 mg/m ³ (vacated) TWA: 50 ppm (vacated) TWA: 150 mg/m ³ | IDLH: 1600 ppm TWA: 50 ppm TWA: 150 mg/m ³ |
| Isopropyl Alcohol 67-63-0 | STEL: 400 ppm TWA: 200 ppm | TWA: 400 ppm TWA: 980 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m ³ | IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm STEL: 1225 mg/m ³ |
| Ethylene Glycol Butyl Ether 111-76-2 | TWA: 20 ppm | TWA: 50 ppm TWA: 240 mg/m ³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m ³ (vacated) S* S* | IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m ³ |
| Ethyl Benzene 100-41-4 | TWA: 20 ppm | TWA: 100 ppm TWA: 435 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m ³ (vacated) STEL: 125 ppm (vacated) STEL: 545 mg/m ³ | IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m ³ STEL: 125 ppm STEL: 545 mg/m ³ |

NIOSH IDLH *Immediately Dangerous to Life or Health*

Other Information

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls**Engineering Controls**

Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

| | |
|---------------------------------|---|
| Eye/face protection | No special technical protective measures are necessary. |
| Skin and body protection | No special technical protective measures are necessary. |
| Respiratory protection | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. |

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

| | | | |
|-----------------------|--------------------------|-----------------------|--------------------------|
| Physical state | Aerosol | Odor | No information available |
| Appearance | No information available | Odor threshold | No information available |
| Color | No information available | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--------------------------------|--------------------------|-------------------------|
| pH | No information available | |
| Melting point / freezing point | No information available | |
| Boiling point / boiling range | >= -42 °C / -43 °F | |
| Flash point | -104 °C / -156 °F | |
| Evaporation rate | No information available | |
| Flammability (solid, gas) | No information available | |
| Flammability Limit in Air | | |
| Upper flammability limit: | No information available | |
| Lower flammability limit: | No information available | |
| Vapor pressure | No information available | |
| Vapor density | No information available | |
| Specific Gravity | 0.76 | |
| Water solubility | No information available | |
| Solubility in other solvents | No information available | |
| Partition coefficient | No information available | |
| Autoignition temperature | No information available | |
| Decomposition temperature | No information available | |
| Kinematic viscosity | No information available | |
| Dynamic viscosity | No information available | |
| Explosive properties | No information available | |
| Oxidizing properties | No information available | |

Other Information

| | |
|-----------------------------------|--------------------------|
| Softening point | No information available |
| Molecular weight | No information available |
| Liquid Density | 6.31 lbs/gal |
| Bulk density | No information available |
| Percent solids by weight | 11.4% |
| Percent volatile by weight | 52.2% |
| Percent solids by volume | 6.7% |
| Actual VOC (lbs/gal) | 3.3 |
| Actual VOC (grams/liter) | 394.9 |
| EPA VOC (lbs/gal) | 5.1 |
| EPA VOC (grams/liter) | 605.7 |
| EPA VOC (lb/gal solids) | 49.4 |

10. STABILITY AND REACTIVITY**Reactivity**

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

Strong acids. Strong oxidizing agents. Chlorinated compounds. Acids.

Hazardous decomposition products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

| | |
|----------------------------|--------------------|
| Product Information | No data available |
| Inhalation | No data available. |
| Eye contact | No data available. |
| Skin Contact | No data available. |
| Ingestion | No data available. |

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|---|--|---|
| Acetone 67-64-1 | = 5800 mg/kg (Rat) | > 15700 mg/kg (Rabbit) | = 50100 mg/m ³ (Rat) 8 h |
| Propane 74-98-6 | - | - | > 800000 ppm (Rat) 15 min |
| Butyl Acetate 123-86-4 | = 10768 mg/kg (Rat) | > 17600 mg/kg (Rabbit) | = 390 ppm (Rat) 4 h |
| Butane 106-97-8 | - | - | = 658 g/m ³ (Rat) 4 h |
| n-Butanol 71-36-3 | = 700 mg/kg (Rat) = 790 mg/kg (Rat) | = 3402 mg/kg (Rabbit) = 3400 mg/kg (Rabbit) | > 8000 ppm (Rat) 4 h |
| Methyl Amyl Ketone 110-43-0 | = 1600 mg/kg (Rat) = 1670 mg/kg (Rat) | = 12.6 mL/kg (Rabbit) = 12600 µL/kg (Rabbit) | 2000 - 4000 ppm (Rat) 6 h |
| Nitrocellulose 9004-70-0 | > 5 g/kg (Rat) | - | - |
| Isobutyl Alcohol 78-83-1 | = 2460 mg/kg (Rat) | = 3400 mg/kg (Rabbit) | > 6.5 mg/L (Rat) 4 h |
| Isopropyl Alcohol 67-63-0 | = 1870 mg/kg (Rat) | = 4059 mg/kg (Rabbit) | = 72600 mg/m ³ (Rat) 4 h |
| Ethylene Glycol Butyl Ether 111-76-2 | = 470 mg/kg (Rat) | = 99 mg/kg (Rabbit) | = 486 ppm (Rat) 4 h = 450 ppm (Rat) 4 h |
| Solvent Naphtha, Light Aliphatic 64742-89-8 | - | = 3000 mg/kg (Rabbit) | - |
| Ethyl Benzene 100-41-4 | = 3500 mg/kg (Rat) | = 15400 mg/kg (Rabbit) | = 17.4 mg/L (Rat) 4 h |
| Hydrodesulfurized heavy pet. naphtha 64742-82-1 | > 5000 mg/kg (Rat) | > 3160 mg/kg (Rabbit) | - |

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.
Germ cell mutagenicity No information available.
Carcinogenicity No information available.

| Chemical name | ACGIH | IARC | NTP | OSHA |
|---|-------|----------|-----|------|
| Nitrocellulose 9004-70-0 | - | Group 2A | - | X |
| Isopropyl Alcohol 67-63-0 | - | Group 3 | - | X |
| Ethylene Glycol Butyl Ether 111-76-2 | A3 | Group 3 | - | - |
| Ethyl Benzene 100-41-4 | A3 | Group 2B | - | X |

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2A - Probably Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not classifiable as a human carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Chronic toxicity Ethylbenzene has been classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B). Prolonged or repeated overexposure to ethylbenzene may result in adverse effects to the kidneys, liver, respiratory system, thyroid, testicles, and pituitary glands. May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects.
Target organ effects blood, Central nervous system, Eyes, Hematopoietic System, kidney, liver, Peripheral Nervous System (PNS), Respiratory system, Skin.
Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document mg/kg mg/l

12. ECOLOGICAL INFORMATION**Ecotoxicity**

4.02% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical name | Algae/aquatic plants | Fish | Crustacea |
|--------------------------------|---|--|--|
| Acetone 67-64-1 | - | 4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50 6210 - 8120: 96 h Pimephales promelas mg/L LC50 static 8300: 96 h Lepomis macrochirus mg/L LC50 | 10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L EC50 |
| Butyl Acetate 123-86-4 | 674.7: 72 h Desmodesmus subspicatus mg/L EC50 | 100: 96 h Lepomis macrochirus mg/L LC50 static 17 - 19: 96 h Pimephales promelas mg/L LC50 flow-through 62: 96 h Leuciscus idus mg/L LC50 static | 72.8: 24 h Daphnia magna mg/L EC50 |
| n-Butanol 71-36-3 | 500: 96 h Desmodesmus subspicatus mg/L EC50 500: 72 h Desmodesmus subspicatus mg/L EC50 | 1730 - 1910: 96 h Pimephales promelas mg/L LC50 static 1740: 96 h Pimephales promelas mg/L LC50 flow-through 100000 - 500000: 96 h Lepomis macrochirus µg/L LC50 static 1910000: 96 h Pimephales promelas µg/L LC50 static | 1983: 48 h Daphnia magna mg/L EC50 1897 - 2072: 48 h Daphnia magna mg/L EC50 Static |
| Methyl Amyl Ketone 110-43-0 | - | 126 - 137: 96 h Pimephales promelas mg/L LC50 flow-through | - |
| Isobutyl Alcohol 78-83-1 | 230: 48 h Desmodesmus subspicatus mg/L EC50 | 1370 - 1670: 96 h Pimephales promelas mg/L LC50 flow-through 375: 96 h Pimephales promelas | 1070 - 1933: 48 h Daphnia magna mg/L EC50 Static 1300: 48 h Daphnia magna mg/L EC50 |

| | | | |
|---|---|---|--|
| | | mg/L LC50 static 1480 - 1730: 96 h Lepomis macrochirus mg/L LC50 flow-through 1120 - 1520: 96 h Oncorhynchus mykiss mg/L LC50 flow-through | |
| Isopropyl Alcohol 67-63-0 | 1000: 96 h Desmodesmus subspicatus mg/L EC50 1000: 72 h Desmodesmus subspicatus mg/L EC50 | 9640: 96 h Pimephales promelas mg/L LC50 flow-through 11130: 96 h Pimephales promelas mg/L LC50 static 1400000: 96 h Lepomis macrochirus µg/L LC50 | 13299: 48 h Daphnia magna mg/L EC50 |
| Ethylene Glycol Butyl Ether 111-76-2 | - | 1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50 | 1000: 48 h Daphnia magna mg/L EC50 1698 - 1940: 24 h Daphnia magna mg/L EC50 |
| Solvent Naphtha, Light Aliphatic 64742-89-8 | 4700: 72 h Pseudokirchneriella subcapitata mg/L EC50 | - | - |
| Ethyl Benzene 100-41-4 | 4.6: 72 h Pseudokirchneriella subcapitata mg/L EC50 2.6 - 11.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 438: 96 h Pseudokirchneriella subcapitata mg/L EC50 | 11.0 - 18.0: 96 h Oncorhynchus mykiss mg/L LC50 static 7.55 - 11: 96 h Pimephales promelas mg/L LC50 flow-through 4.2: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 32: 96 h Lepomis macrochirus mg/L LC50 static 9.6: 96 h Poecilia reticulata mg/L LC50 static 9.1 - 15.6: 96 h Pimephales promelas mg/L LC50 static | 1.8 - 2.4: 48 h Daphnia magna mg/L EC50 |
| Hydrodesulfurized heavy pet. naphtha 64742-82-1 | - | - | 2.6: 96 h Chaetogammarus marinus mg/L LC50 |

Persistence and degradability

No information available.

Bioaccumulation

No information available.

| Chemical name | Partition coefficient |
|---|-----------------------|
| Acetone 67-64-1 | -0.24 |
| Propane 74-98-6 | 2.3 |
| Butyl Acetate 123-86-4 | 1.81 |
| Butane 106-97-8 | 2.89 |
| n-Butanol 71-36-3 | 0.785 |
| Methyl Amyl Ketone 110-43-0 | 1.98 |
| Isobutyl Alcohol 78-83-1 | 0.79 |
| Isopropyl Alcohol 67-63-0 | 0.05 |
| Ethylene Glycol Butyl Ether 111-76-2 | 0.81 |
| Ethyl Benzene 100-41-4 | 3.2 |

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container.

US EPA Waste Number U220 U239 U122 U154 U002 U031 U140 U055

| Chemical name | RCRA | RCRA - Basis for Listing | RCRA - D Series Wastes | RCRA - U Series Wastes |
|-----------------------------|------|--|------------------------|------------------------|
| Acetone 67-64-1 | - | Included in waste stream: F039 | - | U002 |
| n-Butanol 71-36-3 | - | Included in waste stream: F039 | - | U031 |
| Isobutyl Alcohol 78-83-1 | U140 | Included in waste streams: F005, F039 | - | U140 |
| Ethyl Benzene 100-41-4 | - | Included in waste stream: F039 | - | - |

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical name | California Hazardous Waste Status |
|------------------------------|-----------------------------------|
| Acetone 67-64-1 | Ignitable |
| Butyl Acetate 123-86-4 | Toxic |
| n-Butanol 71-36-3 | Toxic |
| Nitrocellulose 9004-70-0 | Ignitable Reactive |
| Isopropyl Alcohol 67-63-0 | Toxic Ignitable |
| Ethyl Benzene 100-41-4 | Toxic Ignitable |

14. TRANSPORT INFORMATION

DOT

UN/ID no UN1950
Proper shipping name Aerosols
Hazard class 2.1
Description UN1950, Aerosols, 2.1
Emergency Response Guide Number 126

TDG

UN/ID no UN1950
Proper shipping name Aerosols
Hazard class 2.1
Description UN1950, Aerosols, 2.1

MEX

UN/ID no UN1950
Proper shipping name Aerosols
Hazard class 2
Description UN1950, Aerosols, 2

ICAO (air)

UN/ID no UN1950
Proper shipping name Aerosols
Hazard class 2.1
Special Provisions A145, A167
Description UN1950, Aerosols, 2.1

IATA

UN Number UN1950
Proper shipping name Aerosols, flammable

| | |
|----------------------------|----------------------------------|
| Transport hazard class(es) | 2.1 |
| ERG Code | 10L |
| Special Provisions | A145, A167, A802 |
| Description | UN1950, Aerosols, flammable, 2.1 |

IMDG

| | |
|----------------------------|-----------------------------|
| UN Number | UN1950 |
| UN proper shipping name | Aerosols |
| Transport hazard class(es) | 2 |
| EmS-No | F-D, S-U |
| Special Provisions | 63, 190, 277, 327, 344, 959 |

RID

| | |
|----------------------------|-----------------------|
| UN/ID no | UN1950 |
| Proper shipping name | Aerosols |
| Transport hazard class(es) | 2.1 |
| Classification code | 5F |
| Description | UN1950, Aerosols, 2.1 |

ADR

| | |
|----------------------------|----------------------------|
| UN Number | UN1950 |
| Proper shipping name | Aerosols |
| Transport hazard class(es) | 2.1 |
| Classification code | 5F |
| Tunnel restriction code | (D) |
| Special Provisions | 190, 327, 344, 625 |
| Description | UN1950, Aerosols, 2.1, (D) |
| Labels | 2.1 |

ADN

| | |
|----------------------------|-----------------------|
| Proper shipping name | Aerosols |
| Transport hazard class(es) | 2.1 |
| Classification code | 5F |
| Special Provisions | 190, 327, 344, 625 |
| Description | UN1950, Aerosols, 2.1 |
| Hazard label(s) | 2.1 |
| Limited quantity (LQ) | 1 L |
| Ventilation | VE01, VE04 |

| |
|-----------------------------------|
| 15. REGULATORY INFORMATION |
|-----------------------------------|

International Inventories

| | |
|---------------|-------------------|
| TSCA | Complies |
| DSL/NDSL | Complies * |
| EINECS/ELINCS | Does not comply * |
| ENCS | Does not comply * |
| IECSC | Complies * |
| KECL | Complies * |
| PICCS | Complies * |
| AICS | Complies * |

* This product contains an unknown chemical, therefore, this product's compliance to the inventory list is NOT DETERMINED

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
 EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
 ENCS - Japan Existing and New Chemical Substances
 IECSC - China Inventory of Existing Chemical Substances
 KECL - Korean Existing and Evaluated Chemical Substances
 PICCS - Philippines Inventory of Chemicals and Chemical Substances
 AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical name | SARA 313 - Threshold Values % |
|-----------------------------|-------------------------------|
| n-Butanol | 1.0 |
| Isopropyl Alcohol | 1.0 |
| Ethylene Glycol Butyl Ether | 1.0 |
| Ethyl Benzene | 0.1 |

SARA 311/312 Hazard Categories

| | |
|-----------------------------------|-----|
| Acute health hazard | Yes |
| Chronic Health Hazard | Yes |
| Fire hazard | Yes |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Butyl Acetate 123-86-4 | 5000 lb | - | - | X |
| Ethyl Benzene 100-41-4 | 1000 lb | X | X | X |

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|-----------------------------|--------------------------|----------------|--|
| Acetone 67-64-1 | 5000 lb | - | RQ 5000 lb final RQ RQ 2270 kg final RQ |
| Butyl Acetate 123-86-4 | 5000 lb | - | RQ 5000 lb final RQ RQ 2270 kg final RQ |
| n-Butanol 71-36-3 | 5000 lb | - | RQ 5000 lb final RQ RQ 2270 kg final RQ |
| Isobutyl Alcohol 78-83-1 | 5000 lb | - | RQ 5000 lb final RQ RQ 2270 kg final RQ |
| Ethyl Benzene 100-41-4 | 1000 lb | - | RQ 1000 lb final RQ RQ 454 kg final RQ |

US State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals

| Chemical name | California Proposition 65 |
|--------------------------------|---------------------------|
| Ethyl Benzene - 100-41-4 | Carcinogen |
| Formaldehyde - 50-00-0 | Carcinogen |
| Ethylene Glycol - 107-21-1 | Developmental |
| Trimethyl Phosphate - 512-56-1 | Carcinogen |
| Methanol - 67-56-1 | Developmental |
| Cumene - 98-82-8 | Carcinogen |
| Toluene - 108-88-3 | Developmental |

U.S. State Right-to-Know Regulations

| Chemical name | New Jersey | Massachusetts |
|---------------------------|------------|---------------|
| Acetone 67-64-1 | X | X |
| Propane 74-98-6 | X | X |
| Butyl Acetate 123-86-4 | X | X |

| | | |
|---|---|---|
| Butane 106-97-8 | X | X |
| n-Butanol 71-36-3 | X | X |
| Methyl Amyl Ketone 110-43-0 | X | X |
| Nitrocellulose 9004-70-0 | X | X |
| Isobutyl Alcohol 78-83-1 | X | X |
| Isopropyl Alcohol 67-63-0 | X | X |
| Ethylene Glycol Butyl Ether 111-76-2 | X | X |
| Xylene 1330-20-7 | X | X |
| Propylene Glycol Methyl Ether 107-98-2 | X | X |
| Ethyl Benzene 100-41-4 | X | X |

| Chemical name | Pennsylvania |
|---|--------------|
| Acetone 67-64-1 | X |
| Propane 74-98-6 | X |
| Butyl Acetate 123-86-4 | X |
| Butane 106-97-8 | X |
| n-Butanol 71-36-3 | X |
| Methyl Amyl Ketone 110-43-0 | X |
| Nitrocellulose 9004-70-0 | X |
| Isobutyl Alcohol 78-83-1 | X |
| Isopropyl Alcohol 67-63-0 | X |
| Ethylene Glycol Butyl Ether 111-76-2 | X |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

Hazardous air pollutants (HAPS) content

This product contains no Hazardous Air Pollutants individually at 1% by weight, or greater.

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

| | | | | |
|-----------------------------------|----------------------------------|----------------|--------------------|------------------------------------|
| NFPA | Health hazards 2 | Flammability 4 | Instability 0 | Physical and chemical properties - |
| HMIS | Health hazards 2 * | Flammability 4 | Physical hazards 0 | Personal protection X |
| <i>Chronic Hazard Star Legend</i> | <i>* = Chronic Health Hazard</i> | | | |

Revision Date 02-Apr-2019

Revision Note

No information available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Shipping information may vary based upon container size and

shipping destination. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. The manufacturer assumes no responsibility for injury to the recipient or third persons, or for any damages to any property resulting from misuse of the product.

End of Safety Data Sheet