



SAFETY DATA SHEET

1. Identification

Product identifier: CRAZY CLEAN ALL PURPOSE CLEANER

Other means of identification

SDS number: RE1000008937

Recommended restrictions

Product Use: Cleaner

Restrictions on use: Not known.

Manufacturer/Importer/Distributor Information

Manufacturer

Company Name: Sprayway, Inc.
Address: 1000 INTEGRAM DR
Pacific, MO 63069
Telephone: 630-628-3000
Fax:

Emergency telephone number: 1-866-836-8855

2. Hazard(s) identification

Hazard Classification

Physical Hazards

Gases under pressure

Compressed gas

Health Hazards

Serious Eye Damage/Eye Irritation

Category 1

Environmental Hazards

Acute hazards to the aquatic environment

Category 3

Label Elements

Hazard Symbol:



Signal Word:

Danger



| | |
|---|--|
| Hazard Statement: | Contains gas under pressure; may explode if heated. Causes serious eye damage. Harmful to aquatic life. |
| Precautionary Statements | |
| Prevention: | Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment. Keep container tightly closed. |
| Response: | 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/doctor. |
| Storage: | Protect from sunlight. Store in a well-ventilated place. |
| Disposal: | Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. |
| Hazard(s) not otherwise classified (HNOC): | None. |

3. Composition/information on ingredients



Mixtures

| Chemical Identity | CAS number | Content in percent (%)* |
|---|------------|-------------------------|
| Water | 7732-18-5 | 50 - <100% |
| Ethanol, 2-butoxy- | 111-76-2 | 1 - <5% |
| Alcohols, C9-11, ethoxylated | 68439-46-3 | 1 - <3% |
| Butane | 106-97-8 | 1 - <5% |
| Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, sodium salt (1:4) | 64-02-8 | 1 - <3% |
| Proprietary | | 1 - <5% |
| Propane | 74-98-6 | 0.1 - <1% |
| Silicic acid (H ₂ SiO ₃), sodium salt (1:2) | 6834-92-0 | 0.1 - <1% |
| Sodium hydroxide (Na(OH)) | 1310-73-2 | 0.1 - <1% |
| Benzoic acid, phenylmethyl ester | 120-51-4 | 0 - <0.1% |
| Glycine, N,N-bis(carboxymethyl)-, sodium salt (1:3) | 5064-31-3 | 0 - <0.1% |
| Ammonium hydroxide ((NH ₄)(OH)) | 1336-21-6 | 0 - <0.1% |
| 3-Cyclohexene-1-methanol, $\alpha,\alpha,4$ -trimethyl-, 1-acetate | 80-26-2 | 0 - <0.1% |
| Acetic acid, phenylmethyl ester | 140-11-4 | 0 - <0.1% |
| Benzoic acid, 2-hydroxy-, phenylmethyl ester | 118-58-1 | 0 - <0.1% |
| Benzeneethanol | 60-12-8 | 0 - <0.1% |
| Cedrene | 11028-42-5 | 0 - <0.1% |
| 2-Propen-1-ol, 3-phenyl- | 104-54-1 | 0 - <0.1% |
| Oils, orange, sweet | 8008-57-9 | 0 - <0.1% |
| Oils, petitgrain | 8014-17-3 | 0 - <0.1% |
| Ethanone, 1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthalenyl)- | 1506-02-1 | 0 - <0.1% |
| 3-Cyclohexene-1-methanol, $\alpha,\alpha,4$ -trimethyl- | 98-55-5 | 0 - <0.1% |
| Heptanal, 2-(phenylmethylene)- | 122-40-7 | 0 - <0.1% |
| Oils, lavandin | 8022-15-9 | 0 - <0.1% |
| 1,3-Benzodioxole-5-carboxaldehyde | 120-57-0 | 0 - <0.1% |
| Benzaldehyde, 4-methoxy- | 123-11-5 | 0 - <0.1% |
| Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl- | 1222-05-5 | 0 - <0.1% |
| Benzene, 1,1'-oxybis- | 101-84-8 | 0 - <0.1% |
| 2,6-Octadien-1-ol, 3,7-dimethyl-, (2E)- | 106-24-1 | 0 - <0.1% |
| 2-Propenal, 3-phenyl- | 104-55-2 | 0 - <0.1% |
| Oils, styrax | 8024-01-9 | 0 - <0.1% |



| | | |
|--|----------|-----------|
| Benzenemethanol | 100-51-6 | 0 - <0.1% |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- | 128-37-0 | 0 - <0.1% |

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

- Ingestion:** Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
- Inhalation:** Move to fresh air.
- Skin Contact:** Wash skin thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention.
- Eye contact:** Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Call a physician or poison control center immediately.

Most important symptoms/effects, acute and delayed

Symptoms: No data available.

Hazards: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: No data available.

5. Fire-fighting measures

General Fire Hazards: Use water spray to keep fire-exposed containers cool. Fight fire from a protected location. Stop flow of gas. Move containers from fire area if you can do so without risk.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical: Pressurized container may explode when exposed to heat or flame.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: No data available.

Special protective equipment for fire-fighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

6. Accidental release measures



| | |
|---|--|
| Personal precautions, protective equipment and emergency procedures: | No data available. |
| Methods and material for containment and cleaning up: | Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Dike far ahead of larger spill for later recovery and disposal. |
| Notification Procedures: | Dike for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. |
| Environmental Precautions: | Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer. |

7. Handling and storage

| | |
|--|---|
| Precautions for safe handling: | Do not get in eyes. Wash hands thoroughly after handling. |
| Conditions for safe storage, including any incompatibilities: | Protect from sunlight. Store in a cool place. Aerosol Level 1 |

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

| Chemical Identity | Type | Exposure Limit Values | Source |
|--------------------|---------|-----------------------|--|
| Ethanol, 2-butoxy- | TWA | 20 ppm | US. ACGIH Threshold Limit Values (2008) |
| | TWA | 25 ppm 120 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989) |
| | REL | 5 ppm 24 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2005) |
| | PEL | 50 ppm 240 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| | TWA PEL | 20 ppm 97 mg/m3 | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006) |
| | TWA | 25 ppm 120 mg/m3 | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008) |
| | AN ESL | 760 ppb | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| | AN ESL | 3,700 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| | ST ESL | 2,900 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| | ST ESL | 600 ppb | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| Butane | REL | 800 ppm 1,900 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2005) |
| | TWA | 800 ppm 1,900 mg/m3 | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008) |
| | STEL | 1,000 ppm | US. ACGIH Threshold Limit Values (03 2018) |
| | TWA | 800 ppm 1,900 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989) |
| | AN ESL | 3,000 ppb | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |



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|--|-----------|-----------------------|--|
| | AN ESL | 7,100 µg/m3 | 2016) US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| | TWA PEL | 800 ppm 1,900 mg/m3 | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006) |
| | ST ESL | 66,000 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| | ST ESL | 28,000 ppb | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| Propane | REL | 1,000 ppm 1,800 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2005) |
| | PEL | 1,000 ppm 1,800 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| | TWA PEL | 1,000 ppm 1,800 mg/m3 | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006) |
| | TWA | 1,000 ppm 1,800 mg/m3 | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008) |
| | TWA | 1,000 ppm 1,800 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989) |
| Sodium hydroxide (Na(OH)) | Ceiling | 2 mg/m3 | US. ACGIH Threshold Limit Values (2008) |
| | Ceiling | 2 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989) |
| | Ceil_Time | 2 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2005) |
| | PEL | 2 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| | Ceiling | 2 mg/m3 | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008) |
| | Ceiling | 2 mg/m3 | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006) |
| Sodium hydroxide (Na(OH)) - Particulate. | AN ESL | 2 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| | ST ESL | 20 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| Ammonium hydroxide ((NH4)(OH)) | STEL | 35 ppm | US. ACGIH Threshold Limit Values (2008) |
| | TWA | 25 ppm | US. ACGIH Threshold Limit Values (2008) |
| | STEL | 35 ppm 27 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2005) |
| | REL | 25 ppm 18 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2005) |
| | PEL | 50 ppm 35 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| | STEL | 35 ppm 27 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989) |
| | TWA PEL | 25 ppm 18 mg/m3 | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006) |
| | STEL | 35 ppm 27 mg/m3 | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006) |
| | AN ESL | 92 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| | ST ESL | 180 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| Acetic acid, phenylmethyl ester | TWA | 10 ppm | US. ACGIH Threshold Limit Values (2008) |
| | TWA PEL | 10 ppm 61 mg/m3 | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006) |



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|--|---------|---------------|--|
| | ST ESL | 100 ppb | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| | AN ESL | 10 ppb | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| | ST ESL | 610 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| | AN ESL | 61 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| Benzene, 1,1'-oxybis- - Vapor. | STEL | 2 ppm | US. ACGIH Threshold Limit Values (03 2018) |
| | TWA | 1 ppm | US. ACGIH Threshold Limit Values (03 2018) |
| | PEL | 1 ppm 7 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| | TWA PEL | 1 ppm 7 mg/m3 | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006) |
| | REL | 1 ppm 7 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2005) |
| | TWA | 1 ppm 7 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989) |
| Benzene, 1,1'-oxybis- | ST ESL | 70 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| | AN ESL | 7 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| Benzene, 1,1'-oxybis- - Vapor. | TWA | 1 ppm 7 mg/m3 | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008) |
| Benzene, 1,1'-oxybis- | ST ESL | 10 ppb | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| | AN ESL | 1 ppb | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- | TWA | 10 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989) |
| | TWA | 10 mg/m3 | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008) |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- - Inhalable fraction and vapor. | TWA | 2 mg/m3 | US. ACGIH Threshold Limit Values (2008) |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- | REL | 10 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2005) |
| | TWA PEL | 10 mg/m3 | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012) |

Biological Limit Values

| Chemical Identity | Exposure Limit Values | Source |
|---|--------------------------------|---------------------|
| Ethanol, 2-butoxy- (Butoxyacetic acid (BAA), with hydrolysis: Sampling time: End of shift.) | 200 mg/g (Creatinine in urine) | ACGIH BEL (03 2013) |

Appropriate Engineering Controls

No data available.



Individual protection measures, such as personal protective equipment

| | |
|--------------------------------|---|
| General information: | Provide easy access to water supply and eye wash facilities. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. If exposure limits have not been established, maintain airborne levels to an acceptable level. |
| Eye/face protection: | Wear a full-face respirator, if needed. Wear safety glasses with side shields (or goggles) and a face shield. |
| Skin Protection | |
| Hand Protection: | No data available. |
| Other: | No data available. |
| Respiratory Protection: | In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor. |
| Hygiene measures: | Do not get in eyes. Observe good industrial hygiene practices. |

9. Physical and chemical properties

Appearance

| | |
|--|-------------------------------------|
| Physical state: | liquid |
| Form: | Spray Aerosol |
| Color: | No data available. |
| Odor: | No data available. |
| Odor threshold: | No data available. |
| pH: | No data available. |
| Melting point/freezing point: | No data available. |
| Initial boiling point and boiling range: | No data available. |
| Flash Point: | -104.44 °C |
| Evaporation rate: | No data available. |
| Flammability (solid, gas): | No data available. |
| Upper/lower limit on flammability or explosive limits | |
| Flammability limit - upper (%): | No data available. |
| Flammability limit - lower (%): | No data available. |
| Explosive limit - upper (%): | No data available. |
| Explosive limit - lower (%): | No data available. |
| Vapor pressure: | 2,757.9029 - 4,136.8544 hPa (20 °C) |
| Vapor density: | No data available. |
| Density: | No data available. |
| Relative density: | No data available. |
| Solubility(ies) | |
| Solubility in water: | No data available. |
| Solubility (other): | No data available. |



Partition coefficient (n-octanol/water): No data available.
Auto-ignition temperature: No data available.
Decomposition temperature: No data available.
Viscosity: No data available.

10. Stability and reactivity

Reactivity: No data available.
Chemical Stability: Material is stable under normal conditions.
Possibility of hazardous reactions: No data available.
Conditions to avoid: Avoid heat or contamination.
Incompatible Materials: No data available.
Hazardous Decomposition Products: No data available.

11. Toxicological information

Information on likely routes of exposure

Inhalation: No data available.
Skin Contact: No data available.
Eye contact: No data available.
Ingestion: No data available.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation: No data available.
Skin Contact: No data available.
Eye contact: No data available.
Ingestion: No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral
Product: ATEmix: 11,270.09 mg/kg

Dermal
Product:

Inhalation



Product: Not classified for acute toxicity based on available data.

Repeated dose toxicity

Product: No data available.

Skin Corrosion/Irritation

Product: No data available.

Serious Eye Damage/Eye Irritation

Product: No data available.

Respiratory or Skin Sensitization

Product: No data available.

Carcinogenicity

Product: No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogenic components identified

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

No carcinogenic components identified

Germ Cell Mutagenicity

In vitro

Product: No data available.

In vivo

Product: No data available.

Reproductive toxicity

Product: No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Aspiration Hazard

Product: No data available.

Other effects: No data available.



12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Persistence and Degradability

Biodegradation

Product: No data available.

BOD/COD Ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Partition Coefficient n-octanol / water (log K_{ow})

Product: No data available.

Mobility in soil: No data available.

Known or predicted distribution to environmental compartments



| | |
|---|--------------------|
| Water | No data available. |
| Ethanol, 2-butoxy- | No data available. |
| Alcohols, C9-11, ethoxylated | No data available. |
| Butane | No data available. |
| Glycine, N,N'-1,2- ethanediybis[N- (carboxymethyl)-, sodium salt (1:4) | No data available. |
| Proprietary | No data available. |
| Propane | No data available. |
| Silicic acid (H ₂ SiO ₃), sodium salt (1:2) | No data available. |
| Sodium hydroxide (Na(OH)) | No data available. |
| Benzoic acid, phenylmethyl ester | No data available. |
| Glycine, N,N- bis(carboxymethyl)-, sodium salt (1:3) | No data available. |
| Ammonium hydroxide (NH ₄)(OH)) | No data available. |
| 3-Cyclohexene-1-methanol, $\alpha,\alpha,4$ -trimethyl-, 1-acetate | No data available. |
| Acetic acid, phenylmethyl ester | No data available. |
| Benzoic acid, 2-hydroxy-, phenylmethyl ester | No data available. |
| Benzeneethanol | No data available. |
| Cedrene | No data available. |
| 2-Propen-1-ol, 3-phenyl- | No data available. |
| Oils, orange, sweet | No data available. |
| Oils, petitgrain | No data available. |
| Ethanone, 1-(5,6,7,8- tetrahydro-3,5,5,6,8,8- hexamethyl-2- naphthalenyl)- | No data available. |
| 3-Cyclohexene-1-methanol, $\alpha,\alpha,4$ -trimethyl- | No data available. |
| Heptanal, 2- (phenylmethylene)- | No data available. |
| Oils, lavandin | No data available. |
| 1,3-Benzodioxole-5- carboxaldehyde | No data available. |
| Benzaldehyde, 4-methoxy- | No data available. |
| Cyclopenta[g]-2- benzopyran, 1,3,4,6,7,8- hexahydro-4,6,6,7,8,8- hexamethyl- | No data available. |
| Benzene, 1,1'-oxybis- | No data available. |
| 2,6-Octadien-1-ol, 3,7- dimethyl-, (2E)- | No data available. |
| 2-Propenal, 3-phenyl- | No data available. |
| Oils, styrax | No data available. |
| Benzenemethanol | No data available. |
| Phenol, 2,6-bis(1,1- dimethylethyl)-4-methyl- | No data available. |



Other adverse effects: Harmful to aquatic organisms.

13. Disposal considerations

Disposal instructions: Discharge, treatment, or disposal may be subject to national, state, or local laws.

Contaminated Packaging: No data available.

14. Transport information

DOT

UN Number: UN 1950
UN Proper Shipping Name:
Transport Hazard Class(es)
Class: 2.2
Label(s): –
Packing Group: II
Marine Pollutant: No

Environmental Hazards: No
Marine Pollutant: No

Special precautions for user: Not regulated.

IMDG

UN Number: UN 1950
UN Proper Shipping Name:
Transport Hazard Class(es)
Class: 2
Label(s): –
EmS No.:
Packing Group: –

Environmental Hazards: No
Marine Pollutant: No

Special precautions for user: Not regulated.

IATA

UN Number: UN 1950
Proper Shipping Name:
Transport Hazard Class(es):
Class: 2.2
Label(s): –
Packing Group: –

Environmental Hazards: No
Marine Pollutant: No

Special precautions for user: Not regulated.
Cargo aircraft only: Forbidden.



15. Regulatory information

US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

| <u>Chemical Identity</u> | <u>Reportable quantity</u> |
|-----------------------------------|----------------------------|
| Butane | lbs. 100 |
| Propane | lbs. 100 |
| Sodium hydroxide (Na(OH)) | lbs. 1000 |
| Ammonium hydroxide ((NH4)(OH)) | lbs. 1000 |

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

- Sudden Release of Pressure
- Immediate (Acute) Health Hazards
- Gases under pressure
- Serious Eye Damage/Eye Irritation
- Simple asphyxiant

SARA 302 Extremely Hazardous Substance

None present or none present in regulated quantities.

SARA 304 Emergency Release Notification

| <u>Chemical Identity</u> | <u>Reportable quantity</u> |
|-----------------------------------|----------------------------|
| Ethanol, 2-butoxy- | |
| Butane | lbs. 100 |
| Propane | lbs. 100 |
| Sodium hydroxide (Na(OH)) | lbs. 1000 |
| Ammonium hydroxide ((NH4)(OH)) | lbs. 1000 |
| Cedrene | |



SARA 311/312 Hazardous Chemical

| <u>Chemical Identity</u> | <u>Threshold Planning Quantity</u> |
|---|------------------------------------|
| Water | 10000 lbs |
| Ethanol, 2-butoxy- | 10000 lbs |
| Alcohols, C9-11, ethoxylated | 10000 lbs |
| Butane | 10000 lbs |
| Glycine, N,N'-1,2- ethanediylbis[N- (carboxymethyl)-, sodium salt (1:4) | 10000 lbs |
| Proprietary | 10000 lbs |
| Propane | 10000 lbs |
| Silicic acid (H ₂ SiO ₃), sodium salt (1:2) | 10000 lbs |
| Sodium hydroxide (Na(OH)) | 10000 lbs |
| Benzoic acid, phenylmethyl ester | 10000 lbs |
| Glycine, N,N- bis(carboxymethyl)-, sodium salt (1:3) | 10000 lbs |
| Ammonium hydroxide (NH ₄)(OH)) | 10000 lbs |
| 3-Cyclohexene-1- methanol, α,α,4-trimethyl-, 1-acetate | 10000 lbs |
| Acetic acid, phenylmethyl ester | 10000 lbs |
| Benzoic acid, 2-hydroxy-, phenylmethyl ester | 10000 lbs |
| Benzeneethanol | 10000 lbs |
| Cedrene | 10000 lbs |
| 2-Propen-1-ol, 3-phenyl- | 10000 lbs |
| Oils, orange, sweet | 10000 lbs |
| Oils, petitgrain | 10000 lbs |
| Ethanone, 1-(5,6,7,8- tetrahydro-3,5,5,6,8,8- hexamethyl-2- naphthalenyl)- | 10000 lbs |
| 3-Cyclohexene-1- methanol, α,α,4-trimethyl- | 10000 lbs |
| Heptanal, 2- (phenylmethylene)- | 10000 lbs |
| Oils, lavandin | 10000 lbs |
| 1,3-Benzodioxole-5- carboxaldehyde | 10000 lbs |
| Benzaldehyde, 4-methoxy- | 10000 lbs |
| Cyclopenta[g]-2- benzopyran, 1,3,4,6,7,8- hexahydro-4,6,6,7,8,8- hexamethyl- | 10000 lbs |
| Benzene, 1,1'-oxybis- | 10000 lbs |
| 2,6-Octadien-1-ol, 3,7- dimethyl-, (2E)- | 10000 lbs |
| 2-Propenal, 3-phenyl- | 10000 lbs |
| Oils, styrax | 10000 lbs |
| Benzenemethanol | 10000 lbs |



Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-
SARA 313 (TRI Reporting)

10000 lbs

Chemical Identity
Ethanol, 2-butoxy-

Reporting threshold for other users
N230 lbs

Reporting threshold for manufacturing and processing
N230 lbs.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):
Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)
US State Regulations**

US. California Proposition 65

No ingredient requiring a warning under CA Prop 65.

US. New Jersey Worker and Community Right-to-Know Act

Chemical Identity
Ethanol, 2-butoxy-
Butane

US. Massachusetts RTK - Substance List

Chemical Identity
Glycine, N,N-bis(carboxymethyl)-, sodium salt (1:3)

US. Pennsylvania RTK - Hazardous Substances

Chemical Identity
Ethanol, 2-butoxy-
Butane

US. Rhode Island RTK

No ingredient regulated by RI Right-to-Know Law present.

International regulations

Montreal protocol

Not applicable

Stockholm convention

Not applicable

Rotterdam convention

Not applicable

Kyoto protocol

Not applicable



Inventory Status:

| | |
|--|--|
| Australia AICS: | Not in compliance with the inventory. |
| Canada DSL Inventory List: | On or in compliance with the inventory |
| EINECS, ELINCS or NLP: | Not in compliance with the inventory. |
| Japan (ENCS) List: | Not in compliance with the inventory. |
| China Inv. Existing Chemical Substances: | Not in compliance with the inventory. |
| Korea Existing Chemicals Inv. (KECI): | Not in compliance with the inventory. |
| Canada NDSL Inventory: | Not in compliance with the inventory. |
| Philippines PICCS: | Not in compliance with the inventory. |
| US TSCA Inventory: | On or in compliance with the inventory |
| New Zealand Inventory of Chemicals: | Not in compliance with the inventory. |
| Japan ISHL Listing: | Not in compliance with the inventory. |
| Japan Pharmacopoeia Listing: | Not in compliance with the inventory. |
| Mexico INSQ: | Not in compliance with the inventory. |
| Ontario Inventory: | Not in compliance with the inventory. |
| Taiwan Chemical Substance Inventory: | Not in compliance with the inventory. |

16. Other information, including date of preparation or last revision

| | |
|------------------------------|---|
| Issue Date: | 05/03/2019 |
| Revision Information: | No data available. |
| Version #: | 1.0 |
| Further Information: | No data available. |
| Disclaimer: | This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment. |