



SAFETY DATA SHEET

1. Identification

Product identifier: Citrus Cream Air Freshener & Deodorizer

Other means of identification

SDS number: RE1000012102

Recommended restrictions

Product Use: Air Freshener
Restrictions on use: Not known.

Manufacturer/Importer/Distributor Information

Manufacturer

Company Name: CLAIRES MANUFACTURING COMPANY
Address: 1000 Integram Dr
Pacific, MO 63069
Telephone: 1-630-543-7600
Fax:

Emergency telephone number: 1-866-836-8855

2. Hazard(s) identification

Hazard Classification

Physical Hazards

Flammable aerosol Category 1

Health Hazards

Acute toxicity (Inhalation - dust and mist) Category 4
Serious Eye Damage/Eye Irritation Category 2A
Skin sensitizer Category 1
Specific Target Organ Toxicity - Single Exposure Category 3¹

Target Organs

1. Narcotic effect.

Environmental Hazards

Acute hazards to the aquatic environment Category 3

Label Elements

Hazard Symbol:



| | |
|---|--|
| Signal Word: | Danger |
| Hazard Statement: | Extremely flammable aerosol. Harmful if inhaled. Causes serious eye irritation. May cause an allergic skin reaction. May cause drowsiness or dizziness. Harmful to aquatic life. |
| Precautionary Statements | |
| Prevention: | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. |
| Response: | IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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. IF ON SKIN: Wash with plenty of water/... If skin irritation or rash occurs: Get medical advice/attention. Call a POISON CENTER/doctor if you feel unwell. Specific treatment (see on this label). Wash contaminated clothing before reuse. |
| Storage: | Protect from sunlight. Do not expose to temperatures exceeding 50 oC/122oF. Store in a well-ventilated place. Keep container tightly closed. Store locked up. |
| 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 (%)* |
|---|------------|-------------------------|
| 2-Propanone | 67-64-1 | 50 - <100% |
| Propane | 74-98-6 | 10 - <20% |
| Butane | 106-97-8 | 10 - <20% |
| Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)- | 5989-27-5 | 1 - <5% |
| Propanol, oxybis- | 25265-71-8 | 0 - <1% |
| 2,6-Octadienal, 3,7-dimethyl- | 5392-40-5 | 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: | Rinse mouth thoroughly. |
| Inhalation: | Move to fresh air. |
| Skin Contact: | Destroy or thoroughly clean contaminated shoes. Immediately remove contaminated clothing and shoes and wash skin with soap and plenty of water. If skin irritation or an allergic skin reaction develops, get medical attention. |
| Eye contact: | Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention. |

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. 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: Vapors may travel considerable distance to a source of ignition and flash back.



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: Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind. See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.

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. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do so 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: Avoid contact with eyes. Wash hands thoroughly after handling. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid contact with eyes, skin, and clothing.

Conditions for safe storage, including any incompatibilities: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Aerosol Level 3

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

| Chemical Identity | Type | Exposure Limit Values | Source |
|-------------------|--------|-----------------------|--|
| 2-Propanone | STEL | 1,000 ppm 2,400 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989) |
| | STEL | 750 ppm 1,780 mg/m3 | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006) |
| | PEL | 1,000 ppm 2,400 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| | AN ESL | 2,000 ppb | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| | TWA | 250 ppm | US. ACGIH Threshold Limit Values (03 2015) |



| | | | |
|---|---------|-----------------------|--|
| | TWA | 750 ppm 1,800 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989) |
| | Ceiling | 3,000 ppm | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006) |
| | STEL | 500 ppm | US. ACGIH Threshold Limit Values (03 2015) |
| | TWA PEL | 500 ppm 1,200 mg/m3 | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006) |
| | ST ESL | 7,800 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| | AN ESL | 4,800 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| | TWA | 750 ppm 1,800 mg/m3 | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008) |
| | ST ESL | 3,300 ppb | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| | REL | 250 ppm 590 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2005) |
| | STEL | 1,000 ppm 2,400 mg/m3 | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008) |
| 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) |
| 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) |
| | AN ESL | 7,100 µg/m3 | 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) |
| 2,6-Octadienal, 3,7-dimethyl- - Inhalable fraction and vapor. | TWA | 5 ppm | US. ACGIH Threshold Limit Values (01 2010) |
| 2,6-Octadienal, 3,7-dimethyl- | ST ESL | 50 ppb | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| | ST ESL | 310 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
| | AN ESL | 31 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |



| | | | |
|--|--------|-------|---|
| | AN ESL | 5 ppb | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016) |
|--|--------|-------|---|

Biological Limit Values

| Chemical Identity | Exposure Limit Values | Source |
|--|-----------------------|---------------------|
| 2-Propanone (acetone: Sampling time: End of shift.) | 25 mg/l (Urine) | ACGIH BEL (03 2015) |

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 safety glasses with side shields (or goggles).

Skin Protection

Hand Protection: No data available.

Other: Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.

Respiratory Protection: In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

Hygiene measures: Avoid contact with eyes. Observe good industrial hygiene practices. When using do not smoke. Contaminated work clothing should not be allowed out of the workplace. Avoid contact with skin.

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: 4,136.8544 - 4,826.3301 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: Not classified for acute toxicity based on available data.

Specified substance(s):

2-Propanone LD 50 (Rat): 5,800 mg/kg

Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)- LD 50 (Rat): > 2,000 mg/kg

Propanol, oxybis- LD 50 (Rat): > 5 g/kg

2,6-Octadienal, 3,7-dimethyl- LD 50 (Rat): 6,800 mg/kg

Dermal

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

Specified substance(s):

2-Propanone LD 50 (Rabbit): > 7,426 mg/kg

Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)- LD 50 (Rabbit): > 5,000 mg/kg

Propanol, oxybis- LD 50 (Rabbit): > 5,010 mg/kg

2,6-Octadienal, 3,7-dimethyl- LD 50 (Rat): > 2,000 mg/kg

Inhalation

Product: ATEmix: 4.68 mg/l

Repeated dose toxicity

Product: No data available.

Specified substance(s):

2-Propanone NOAEL (Rat(Male), Oral, 13 Weeks): 10,000 ppm(m) Oral Experimental result, Key study
Propane NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation Experimental result, Key study
LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation Experimental result, Key study
Butane NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation



| | |
|---|---|
| | Experimental result, Key study |
| | LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation |
| | Experimental result, Key study |
| Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)- | NOAEL (Rat(Male), Oral, 13 Weeks): 600 mg/kg Oral Experimental result, Key study |
| Propanol, oxybis- | NOAEL (Rat(Female), Oral, 14 Weeks): 460 mg/kg Oral Experimental result, Supporting study |
| | NOAEL (Rat(Male), Oral, 14 Weeks): 425 mg/kg Oral Experimental result, Supporting study |
| | NOAEL (Mouse(Female), Oral, 13 Weeks): 7,430 mg/kg Oral Experimental result, Supporting study |
| | NOAEL (Rat(Male), Oral, 105 Weeks): 470 mg/kg Oral Experimental result, Key study |
| | NOAEL (Rat(Female), Oral, 105 Weeks): 530 mg/kg Oral Experimental result, Key study |
| 2,6-Octadienal, 3,7-dimethyl- | LOAEL (Rat(Female, Male), Oral, 104 - 105 Weeks): 210 mg/kg Oral Experimental result, Key study |
| | LOAEL (Rat(Female), Oral, 14 Weeks): 335 mg/kg Oral Experimental result, Key study |

Skin Corrosion/Irritation

Product: No data available.

Specified substance(s):

2-Propanone in vivo (Rabbit): Not irritant Experimental result, Supporting study

Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)- in vivo (Rabbit): Not irritant Experimental result, Key study

Serious Eye Damage/Eye Irritation

Product: No data available.

Specified substance(s):

2-Propanone Irritating.
Rabbit, 24 hrs: Minimum grade of severe eye irritant

Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)- Rabbit, 24 - 72 hrs: Not irritating

Respiratory or Skin Sensitization

Product: No data available.

Specified substance(s):

2-Propanone Skin sensitization:, in vivo (Guinea pig): Non sensitising

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.
Specified substance(s):
2-Propanone Inhalation - vapor: Narcotic effect. - Category 3 with narcotic effects.

Specific Target Organ Toxicity - Repeated Exposure
Product: No data available.
Target Organs
Specific Target Organ Toxicity - Single Exposure: Narcotic effect.

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.

Specified substance(s):
2-Propanone LC 50 (Oncorhynchus mykiss, 96 h): 5,540 mg/l Experimental result, Key study



| | |
|---|--|
| Propane | LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study |
| Butane | LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study |
| Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)- | EC 50 (Pimephales promelas, 96 h): 688 µg/l Experimental result, Key study |
| Propanol, oxybis- | LC 50 (Goldfish (Carassius auratus), 24 h): > 5,000 mg/l Mortality |
| 2,6-Octadienal, 3,7-dimethyl- | LC 50 (Leuciscus idus, 96 h): 6.78 mg/l Experimental result, Key study |

Aquatic Invertebrates

Product: No data available.

Specified substance(s):

| | |
|---|---|
| 2-Propanone | LC 50 (Daphnia pulex, 48 h): 8,800 mg/l Experimental result, Key study |
| Butane | LC 50 (Daphnia sp., 48 h): 69.43 mg/l QSAR QSAR, Key study |
| Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)- | EC 50 (Daphnia magna, 48 h): 0.36 mg/l Experimental result, Key study NOAEL (Daphnia magna, 48 h): 0.074 mg/l Experimental result, Key study |
| Propanol, oxybis- | EC 50 (Daphnia magna, 48 h): > 109 mg/l Experimental result, Supporting study EC 50 (Daphnia magna, 48 h): > 100 mg/l Experimental result, Key study |
| 2,6-Octadienal, 3,7-dimethyl- | EC 50 (Daphnia magna, 48 h): 6.8 mg/l Experimental result, Key study |

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s):

| | |
|---|---|
| 2-Propanone | LOAEL (Daphnia magna): 2,212 mg/l Experimental result, Key study NOAEL (Daphnia magna): 2,212 mg/l Experimental result, Key study |
| Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)- | NOAEL (Freshwater invertebrates, species frequently include Daphnia magna or Daphnia pulex): 0.115 mg/l QSAR QSAR, Weight of Evidence study |

Toxicity to Aquatic Plants

Product: No data available.

Persistence and Degradability

Biodegradation

Product: No data available.

Specified substance(s):



| | |
|---|--|
| 2-Propanone | 90.9 % (28 d) Detected in water. Experimental result, Key study |
| Propane | 100 % (385.5 h) Detected in water. Experimental result, Key study 50 % (3.19 d) Detected in water. QSAR, Weight of Evidence study |
| Butane | 100 % (385.5 h) Detected in water. Experimental result, Key study 50 % (3.19 d) Detected in water. QSAR, Weight of Evidence study |
| Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)- | 80 % (28 d) Detected in water. Read-across from supporting substance (structural analogue or surrogate), Key study |
| Propanol, oxybis- | 23.6 % (64 d) Sediment Experimental result, Key study 17.3 % Detected in water. Experimental result, Key study |
| 2,6-Octadienal, 3,7-dimethyl- | 85 - 95 % (28 d) Detected in water. Experimental result, Key study |

BOD/COD Ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Specified substance(s):

| | |
|---|---|
| 2-Propanone | Haddock, adult, Bioconcentration Factor (BCF): 0.69 Aquatic sediment Experimental result, Not specified |
| Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)- | Bioconcentration Factor (BCF): 864.8 Aquatic sediment QSAR, Key study |
| Propanol, oxybis- | Cyprinus carpio, Bioconcentration Factor (BCF): 0.3 - 4.6 Aquatic sediment Experimental result, Supporting study |
| 2,6-Octadienal, 3,7-dimethyl- | Bioconcentration Factor (BCF): 89.72 Aquatic sediment Estimated by calculation, Key study |

Partition Coefficient n-octanol / water (log Kow)

Product: No data available.

Specified substance(s):

| | |
|---|---|
| Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)- | Log Kow: 4.34 - 4.46 25 °C No Experimental result, Supporting study |
|---|---|

Mobility in soil: No data available.

Known or predicted distribution to environmental compartments



| | |
|---|--------------------|
| 2-Propanone | No data available. |
| Propane | No data available. |
| Butane | No data available. |
| Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)- | No data available. |
| Propanol, oxybis- | No data available. |
| 2,6-Octadienal, 3,7-dimethyl- | 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: | Aerosols, flammable |
| Transport Hazard Class(es) | |
| Class: | 2.1 |
| 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: | Aerosols, flammable |
| 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: Aerosols, flammable
Transport Hazard Class(es):
Class: 2.1
Label(s): -
Packing Group: -

Environmental Hazards: No
Marine Pollutant: No

Special precautions for user: Not regulated.

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> |
|--------------------------|----------------------------|
| 2-Propanone | lbs. 5000 |
| Propane | lbs. 100 |
| Butane | lbs. 100 |

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

- Fire Hazard
- Immediate (Acute) Health Hazards
- Flammable aerosol
- Acute toxicity
- Serious Eye Damage/Eye Irritation
- Skin sensitizer
- Specific Target Organ Toxicity - Single Exposure

SARA 302 Extremely Hazardous Substance

| <u>Chemical Identity</u> | <u>Reportable quantity</u> | <u>Threshold Planning Quantity</u> |
|--------------------------|----------------------------|------------------------------------|
| 2-Propanone | | |

SARA 304 Emergency Release Notification

| <u>Chemical Identity</u> | <u>Reportable quantity</u> |
|--------------------------|----------------------------|
| 2-Propanone | lbs. 5000 |
| Propane | lbs. 100 |
| Butane | lbs. 100 |



SARA 311/312 Hazardous Chemical

| <u>Chemical Identity</u> | <u>Threshold Planning Quantity</u> |
|---|------------------------------------|
| 2-Propanone | 10000 lbs |
| Propane | 10000 lbs |
| Butane | 10000 lbs |
| Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)- | 10000 lbs |
| Propanol, oxybis- | 10000 lbs |
| 2,6-Octadienal, 3,7-dimethyl- | 10000 lbs |

SARA 313 (TRI Reporting)

None present or none present in regulated quantities.

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

2-Propanone
Propane
Butane
Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)-

US. Massachusetts RTK - Substance List

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

US. Pennsylvania RTK - Hazardous Substances

Chemical Identity

2-Propanone
Propane
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: | On or 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: | On or in compliance with the inventory |
| China Inv. Existing Chemical Substances: | On or in compliance with the inventory |
| Korea Existing Chemicals Inv. (KECI): | On or in compliance with the inventory |
| Canada NDSL Inventory: | Not in compliance with the inventory. |
| Philippines PICCS: | On or in compliance with the inventory |
| US TSCA Inventory: | On or in compliance with the inventory |
| New Zealand Inventory of Chemicals: | On or in compliance with the inventory |
| Japan ISHL Listing: | On or in compliance with the inventory |
| Japan Pharmacopoeia Listing: | Not in compliance with the inventory. |
| Mexico INSQ: | On or in compliance with the inventory |
| Ontario Inventory: | On or in compliance with the inventory |
| Taiwan Chemical Substance Inventory: | On or in compliance with the inventory |

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

Issue Date: 04/09/2019

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.