



SAFETY DATA SHEET

1. Identification

Product identifier: GEL VANDAL MARK REMOVER

Other means of identification

SDS number: RE1000010419

Recommended restrictions

Restrictions on use: Not known.

Manufacturer/Importer/Distributor Information

Manufacturer

Company Name: CLAIRES MANUFACTURING COMPANY
Address: 1000 Ingram 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

Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Irritation Category 2A
Toxic to reproduction Category 2
Aspiration Hazard Category 1

Environmental Hazards

Acute hazards to the aquatic environment Category 3

Label Elements

Hazard Symbol:



Signal Word: Danger



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| Hazard Statement: | Extremely flammable aerosol. Causes skin irritation. Causes serious eye irritation. Suspected of damaging fertility or the unborn child. May be fatal if swallowed and enters airways. 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. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Avoid release to the environment. |
| Response: | 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 occurs: Get medical advice/attention. IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. IF exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing. |
| Storage: | Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. 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 (HNO): | None. |

3. Composition/information on ingredients

Mixtures

| Chemical Identity | CAS number | Content in percent (%)* |
|--|------------|-------------------------|
| Benzene, methyl- | 108-88-3 | 10 - <25% |
| Propane | 74-98-6 | 5 - <10% |
| 2-Propanone | 67-64-1 | 5 - <10% |
| Butane | 106-97-8 | 5 - <10% |
| Ethanol, 2-butoxy- | 111-76-2 | 1 - <5% |
| Ethanol, 2-(2-butoxyethoxy)- | 112-34-5 | 1 - <5% |
| Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, bis(hydrogenated tallow alkyl)dimethylammonium salt with b | 71011-25-1 | 1 - <5% |
| Sodium hydroxide (Na(OH)) | 1310-73-2 | 0.1 - <1% |
| Morpholine | 110-91-8 | 0.1 - <1% |

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

4. First-aid measures



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| Ingestion: | Call a physician or poison control center immediately. Rinse mouth. Never give liquid to an unconscious person. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. |
| Inhalation: | Move to fresh air. |
| Skin Contact: | Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reuse. 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. |
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| Unsuitable extinguishing media: | Do not use water jet as an extinguisher, as this will spread the fire. |
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| Specific hazards arising from the chemical: | Vapors may travel considerable distance to a source of ignition and flash back. |
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Special protective equipment and precautions for firefighters

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| Special fire fighting procedures: | No data available. |
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| 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. |
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| 6. Accidental release measures |
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| 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.

Notification Procedures:

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. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Avoid contact with skin.

Conditions for safe storage, including any incompatibilities:

Store locked up. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Aerosol Level 2

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

| Chemical Identity | Type | Exposure Limit Values | | Source |
|--------------------|-----------|-----------------------|-------------|---|
| Benzene, methyl- | STEL | 150 ppm | 560 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989) |
| | REL | 100 ppm | 375 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2005) |
| | TWA | 100 ppm | 375 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989) |
| | Ceiling | 300 ppm | | US. OSHA Table Z-2 (29 CFR 1910.1000) (02 2006) |
| | TWA | 20 ppm | | US. ACGIH Threshold Limit Values (2008) |
| | TWA | 200 ppm | | US. OSHA Table Z-2 (29 CFR 1910.1000) (02 2006) |
| | MAX. CONC | 500 ppm | | US. OSHA Table Z-2 (29 CFR 1910.1000) (02 2006) |
| | STEL | 150 ppm | 560 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2005) |
| | REL | 1,000 ppm | 1,800 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2005) |
| Propane | REL | 1,000 ppm | 1,800 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| | TWA | 1,000 ppm | 1,800 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989) |
| | STEL | 1,000 ppm | 2,400 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989) |
| 2-Propanone | REL | 1,000 ppm | 2,400 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| | 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) |
| | STEL | 500 ppm | | US. ACGIH Threshold Limit Values (03 2015) |
| | REL | 250 ppm | 590 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2005) |
| Butane | REL | 800 ppm | 1,900 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2005) |
| | 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) |
| 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) |
| | REL | 50 ppm | 240 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |



| | | | |
|--|---------------|--|---|
| Ethanol, 2-(2-butoxyethoxy)- - Inhalable fraction and vapor. | TWA | 10 ppm | US. ACGIH Threshold Limit Values (03 2013) |
| Sodium hydroxide (NaOH)) | 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_T ime | 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) |
| Morpholine | REL | 20 ppm 70 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2005) |
| | STEL | 30 ppm 105 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2005) |
| | TWA | 20 ppm | US. ACGIH Threshold Limit Values (2008) |
| | TWA | 20 ppm 70 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989) |
| | STEL | 30 ppm 105 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989) |
| | PEL | 20 ppm 70 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| Quartz (SiO2) - Respirable dust. | REL | 0.05 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2005) |
| Quartz (SiO2) - Respirable. | TWA | 2.4 millions of particles per cubic foot of air | US. OSHA Table Z-3 (29 CFR 1910.1000) (2000) |
| | TWA | 0.1 mg/m3 | US. OSHA Table Z-3 (29 CFR 1910.1000) (2000) |
| Quartz (SiO2) - Respirable fraction. | TWA | 0.025 mg/m3 | US. ACGIH Threshold Limit Values (2008) |
| Quartz (SiO2) - Respirable dust. | TWA | 0.1 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989) |
| Quartz (SiO2) - Respirable dust. | TWA | 0.05 mg/m3 | US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053) (03 2016) |
| Quartz (SiO2) - Respirable dust. | PEL | 0.05 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (03 2016) |
| Quartz (SiO2) - Respirable dust. | OSHA _ACT | 0.025 mg/m3 | US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053) (03 2016) |
| Ethanol, 2-methoxy- | TWA | 0.1 ppm | US. ACGIH Threshold Limit Values (2008) |
| | REL | 0.1 ppm 0.3 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2005) |
| | TWA | 25 ppm 80 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989) |
| | PEL | 25 ppm 80 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| 1,2-Ethanediamine | TWA | 10 ppm | US. ACGIH Threshold Limit Values (2008) |
| | PEL | 10 ppm 25 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| | TWA | 10 ppm 25 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989) |
| | REL | 10 ppm 25 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2005) |

Biological Limit Values

| Chemical Identity | Exposure Limit Values | Source |
|--|--------------------------------|---------------------|
| Benzene, methyl- (toluene: Sampling time: End of shift.) | 0.03 mg/l (Urine) | ACGIH BEL (03 2013) |
| Benzene, methyl- (o-Cresol, with hydrolysis: Sampling time: End of shift.) | 0.3 mg/g (Creatinine in urine) | ACGIH BEL (03 2013) |
| Benzene, methyl- (toluene: Sampling time: Prior to last shift of work week.) | 0.02 mg/l (Blood) | ACGIH BEL (03 2013) |
| 2-Propanone (acetone: Sampling time: End of shift.) | 25 mg/l (Urine) | ACGIH BEL (03 2015) |
| Ethanol, 2-butoxy- (Butoxyacetic acid (BAA), with hydrolysis: Sampling time: End of shift.) | 200 mg/g (Creatinine in urine) | ACGIH BEL (03 2013) |
| Ethanol, 2-methoxy- (2-Methoxyacetic acid: Sampling time: End of shift at end of work week.) | 1 mg/g (Creatinine in urine) | ACGIH BEL (03 2013) |

Appropriate Engineering Controls

No data available.

Individual protection measures, such as personal protective equipment



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| 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. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Wash contaminated clothing before reuse. Avoid contact with skin. Wash hands before breaks and immediately after handling the product. |

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: 413.682 - 517.1025 hPa (20 °C)
689.47 - 827.364 hPa (50 °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: 33,509.32 mg/kg |
| Dermal | |
| Product: | ATEmix: 11,647.52 mg/kg |
| Inhalation | |
| Product: | ATEmix: 496.89 mg/l ATEmix : 82.82 mg/l |



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.

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| 12. Ecological information |
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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 Kow)

Product: No data available.

Mobility in soil: No data available.

Known or predicted distribution to environmental compartments

Benzene, methyl- No data available.

Propane No data available.

2-Propanone No data available.

Butane No data available.

Ethanol, 2-butoxy- No data available.

Ethanol, 2-(2-

butoxyethoxy)- No data available.

Quaternary ammonium

compounds, No data available.

benzyl(hydrogenated tallow

alkyl)dimethyl,

bis(hydrogenated tallow

alkyl)dimethylammonium

salt with b

Sodium hydroxide (Na(OH)) No data available.

Morpholine No data available.

Other adverse effects: Harmful to aquatic organisms.

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| 13. Disposal considerations |
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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

Restrictions on use: Not known.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Chemical Identity

Quartz (SiO₂)

OSHA hazard(s)

lung effects
immune system effects
Cancer
kidney effects



CERCLA Hazardous Substance List (40 CFR 302.4):

| <u>Chemical Identity</u> | <u>Reportable quantity</u> |
|---------------------------|----------------------------|
| Benzene, methyl- | lbs. 1000 |
| Propane | lbs. 100 |
| 2-Propanone | lbs. 5000 |
| Butane | lbs. 100 |
| Sodium hydroxide (Na(OH)) | lbs. 1000 |
| Morpholine | lbs. 100 |
| 1,2-Ethanediamine | lbs. 5000 |

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Fire Hazard
Immediate (Acute) Health Hazards
Delayed (Chronic) Health Hazard
Flammable aerosol
Skin Corrosion/Irritation
Serious Eye Damage/Eye Irritation
Toxic to reproduction
Aspiration Hazard

SARA 302 Extremely Hazardous Substance

| <u>Chemical Identity</u> | <u>Reportable quantity</u> | <u>Threshold Planning Quantity</u> |
|--------------------------|----------------------------|------------------------------------|
| Water | | |
| 2-Propanone | | |
| 1,2-Ethanediamine | lbs. 5000 | lbs. 10000 |

SARA 304 Emergency Release Notification

| <u>Chemical Identity</u> | <u>Reportable quantity</u> |
|------------------------------|----------------------------|
| Water | |
| Benzene, methyl- | lbs. 1000 |
| Propane | lbs. 100 |
| 2-Propanone | lbs. 5000 |
| Butane | lbs. 100 |
| Ethanol, 2-butoxy- | |
| Ethanol, 2-(2-butoxyethoxy)- | |
| Sodium hydroxide (Na(OH)) | lbs. 1000 |
| Morpholine | lbs. 100 |
| Ethanol, 2-methoxy- | |
| 1,2-Ethanediamine | lbs. 5000 |

SARA 311/312 Hazardous Chemical

| <u>Chemical Identity</u> | <u>Threshold Planning Quantity</u> |
|---|------------------------------------|
| 1,2-Ethanediamine | lbs |
| Benzene, methyl- | 10000 lbs |
| Propane | 10000 lbs |
| 2-Propanone | 10000 lbs |
| Butane | 10000 lbs |
| Ethanol, 2-butoxy- | 10000 lbs |
| Ethanol, 2-(2-butoxyethoxy)- | 10000 lbs |
| Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, bis(hydrogenated tallow | 10000 lbs |



alkyl)dimethylammonium
salt with b
Sodium hydroxide 10000 lbs
(Na(OH))
Morpholine 10000 lbs
Quartz (SiO₂) 10000 lbs
Ethanol, 2-methoxy- 10000 lbs

SARA 313 (TRI Reporting)

| <u>Chemical Identity</u> | <u>Reporting threshold for other users</u> | <u>Reporting threshold for manufacturing and processing</u> |
|------------------------------|--|---|
| Benzene, methyl- | lbs | lbs. |
| Ethanol, 2-butoxy- | N230 lbs | N230 lbs. |
| Ethanol, 2-(2-butoxyethoxy)- | N230 lbs | 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

This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.

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|----------------------------|----------------------------------|
| Benzene, methyl- | Developmental toxin. 03 2008 |
| Quartz (SiO ₂) | Carcinogenic. 05 2011 |
| Ethanol, 2-methoxy- | Developmental toxin. 03 2008 |
| Ethanol, 2-methoxy- | Male reproductive toxin. 03 2008 |

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

Chemical Identity

Water
Benzene, methyl-
Propane
2-Propanone
Butane
Ethanol, 2-butoxy-
Ethanol, 2-(2-butoxyethoxy)-

US. Massachusetts RTK - Substance List

Chemical Identity

Quartz (SiO₂)
1,2-Ethanediamine

US. Pennsylvania RTK - Hazardous Substances

Chemical Identity

Benzene, methyl-
Propane
2-Propanone
Butane
Ethanol, 2-butoxy-
Ethanol, 2-(2-butoxyethoxy)-
9-Octadecenoic acid (9Z)-

US. Rhode Island RTK

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

International regulations

Montreal protocol

2-Propanone



Stockholm convention

2-Propanone

Rotterdam convention

2-Propanone

Kyoto protocol

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: | 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: | On or 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: | On or in compliance with the inventory |
| Taiwan Chemical Substance Inventory: | On or in compliance with the inventory |
| China Inv. Existing Chemical Substances: | Not in compliance with the inventory. |

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| 16. Other information, including date of preparation or last revision |
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Issue Date: 09/27/2019

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.