Safety Data Sheet

Version 2.4

Revision Date:01/15/2016

HMIS Classification

| Health Hazard: | 1 |
|----------------------|---|
| Flammability: | 2 |
| Reactivity: | 0 |
| Personal Protection: | В |
| NFPA Rating | |
| Health Hazard: | 1 |
| Fire: | 2 |
| Reactivity Hazard | 0 |
| | |



Other Hazards

Keep out of reach of children.

Store this product in as shaded area with its container tightly closed.

Use in a well ventillated area.

Do not swallow this product.

3. Composition/Information on Ingredients

| Chemical Name | Weight % | CAS Number |
|--|---|--|
| Glycol ether EB | 7 - 13 | 111-76-2 |
| Isopropyl alcohol | 7 - 12 | 67-63-0 |
| Fragrance* | | |
| Other non-hazardous components** | N/A | N/A |
| *Some fragrances used in this product may c excess of 0.1% in this formulation and are the result in allergic reactions or related illness in and have become sensitized. **Other compor- and withheld in accordance with provision 19 Regulations. | erefore considered some individuals nents of this formu | l sensitizers that may who have been exposed ilation is a trade secret |

4. First Aid Measures

Description of First Aid Measures

- Inhalation If breathing becomes difficult while using this product, due to respiratory irritation or existing asthma condition, or if dizziness or drowsiness occurs, immediately remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms do not improve, contact POISON CENTER, hospital, or physician immediately. If breathing or heart has stopped, trained personnel should immediately begin artificial respiration or CPR, as needed, and immediately contact Emergency Medical Services (EMS).
- **Skin Contact** In the case of skin irritation or rash development or its prevention, remove any contaminated clothing. Wash exposed skin area with plenty of soap and water generously. If skin irritation or rash occurs, and persists, contact a POISON CENTER, hospital, or physician for medical advice or treatment.
- **Eye Contact** Flush exposed eyes with clean water, remove any easily removable contact lenses, and continue flushing while holding eyelids open for a minimum of 15 minutes. If eye irritation persists contact a POISON CENTER, hospital, physician, or ophthamologist for medical advice or treatment. Transport and seek medical attention if irritation persists.

Ingestion If alert, rinse mouth with water and give plenty of water to drink. DO NOT induce vomiting. If not alert, or unconscious, immediately contact EMS. If breathing or heart has stopped, trained personnel should immediately begin artificial respiration or CPR, as needed. Contact POISON CENTER, hospital, or physician immediately.

Most Important Symptoms/Effects

| Inhalation | Dizziness, confusion, hypotension, hypothermia, drowsey, headache, burning eye, nostril, throat |
|------------|---|
| | sensation, difficulty breathing. |

- **Skin Contact** Skin irritation, rash, itching or burning sensation, drying, or flaking of skin.
- Eye Contact Redness, watering, itching, irritation, or burning sensation of eyes.
- **Ingestion** Nausea, vomitiing, difficulty swallowing, fragrant smell to breath, facial flushing, hypotension, central nervous system depression, or irregular heart beat.

Indication of Immediate Medical Attention or Special Treatment Needed

If the above first aid measures are not successful, or if there is any difficulty breathing, or generally feeling unwell, seek medical advice / attention as needed.

5. Firefighting Measures

| Suitable Extinguishing Media | Use water, dry chemical, carbon dioxide, or large quantities of spray foam. |
|---|---|
| Unsuitable Extinguishing Media | N/A |
| Specific Hazards Arising from the Chemical | Combustion Products: Carbon dioxide, carbon monoxide, VOCs |
| Special Protective Actions for Firefighters | Wear self-contained breathing apparatus approved by NIOSH. Closed containers may explode if exposed to extreme heat. |

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Provide good ventilation during use of this product. Keep away from heat / sparks / flame / hot surfaces. No Smoking. Do not spray into eyes. Wear safety glasses, protective clothing, and gloves when using this product. Wash hands / exposed skin after handling. Do not use this product on food products or food contact surfaces.

Environmental Precautions

Avoid discharge into sewers and public water systems. Do not allow product onto earth or into storm sewers and ditches that runoff into waterways.

Methods and Materials for Containment and Cleaning Up

Dike and pump any large spills into safe, sealed containers, then absorb remainder of spill, or any small quantity spill, with inert media (such as polypads, paper towels, or other suitable absorbant material). Sweep into appropriate solids disposal container and dispose of in accordance with appropriate local / state / national / international waste regulations. Mop or ventillate area.

7. Handling and Storage

Precautions for Safe Handling

When using this product; provide good ventilation, wear protective gloves, and safety glasses. Wash hands / exposed skin after handling and before eating. Do not eat, drink, or smoke while using this product. Do not touch eyes with hands while using this product. Do not use this product on food or food-contact surfaces. Do not use near open flames or ignition sources. Vapors can irritate eyes and/or cause dizziness or drowsiness if breathed, especially if product becomes heated.

Conditions for Safe Storage, Including any Incompatibilities

Store sealed in drums or product packaging in a cool, dry place. Avoid freezing or abnormally high temperatures, open flames, and ignition sources.

| Exposure Limits (Isopropanol): | |
|--|---------------------------------|
| OSHA Permissable Exposure Limit (PEL): | 900 mg/m ³ (400 PPM) |
| American Conference of Governmental Industrial Hygienists (ACGIH): | 200 ppm TWA |
| American Conference of Governmental Industrial Hygienists (ACGIH): | 400 ppm STEL |
| Threshold Limit Value (TLV): | N/A |
| Other Exposure Limit Recommended: | N/A |
| Exposure Limits (Glycol Ether EB): | |
| OSHA Permissable Exposure Limit (PEL): | N/A |
| American Conference of Governmental Industrial Hygienists (ACGIH): | 20 ppm TWA* |
| Lowest know LD ₅₀ (Oral, rabbit) | 320.0 mg/kg |
| Threshold Limit Value (TLV): | N/A |
| Other Exposure Limit Recommended: | N/A |

Engineering Controls

Use this product in a well veltillated area.

| Individual Protection Measures | |
|-------------------------------------|--|
| Eye/Face Protection: | Safety Glasses / Goggles / Face Shield are recommended if spraying or using this product. |
| Skin Protection: | Gloves and protective clothing are recommended if spraying or using this product. |
| Respiratory Protection: | Not necessary when used for short periods of time in well ventillated areas; otherwise, respiratory protection, such as an approved air purifying respirator or positive-pressure supplied-air, should be used when there is a potential to exceed the exposure limit guidelines as stated above in this section. |
| Thermal Hazards: | Containers of this product may become pressurized when exposed to hot environments or fire. Wear appropriate Safety Glasses / Goggles / Face Shield, Clothing, and Gloves when preparing to use this product. |
| Respiratory Protection: | Not necessary when used for short periods of time in well ventillated areas; otherwise, respiratory protection, such as an approved air purifying respirator or positive-pressure supplied-air, should be used when there is a potential to exceed the exposure limit guidelines as stated above in this section. |
| Thermal Hazards: | Containers of this product may become pressurized when exposed to hot environments or fire. Wear appropriate Safety Glasses / Goggles / Face Shield, Clothing, and Gloves when preparing to use this product. |
| 9. Physical and Chemical Properties | |
| Physical State | solid jell |
| Color | Pale yellow, translucent |
| Odor | Plumeria bloom fragrance |
| Odor Threshold | N/D |

| рН | 7.5 - 9.0 | 0 |
|--|--|--|
| Specific Gravity | 0.996 | |
| Melting Point/Freezing Point | N/D | |
| Initial Boiling Point | 84°C | |
| Flash Point | N/A | |
| Flamability (solid/gas) | Does n | ot sustain combustion, Non-flammable. |
| Vapor Pressure | N/D | |
| Vapor Density (Air=1) | N/D | |
| Relative Density (20°C) | N/D | |
| Water Solubility | Soluble | |
| Auto-Ignition Temperature | N/D | |
| Decomposition Temperature | N/D | |
| Viscosity | N/D | |
| 10. Stability and Reactivity | | |
| Reactivity | | Non-reactive |
| Chemical Stability | | Stable when stored in sealed container or packaging at normal temperatures and in a suitable location. |
| Possibility of Hazardous Reactions | | Hazadous polymerization will not occur. |
| Conditions to Avoid | | Avoid direct sunlight, heat, and flames. Avoid excessive heat and freezing conditions. Avoid storage with incompatible materials. If drums or packaging is left open and exposed to air fragrance will evaporate over time and may oxidize. |
| la comuna tible. Mata dala | | |
| Incompatible Materials | | Strong acids, bases, reactive metals, and oxidizing agents. |
| Incompatible Materials Hazardous Decompostion Products | | Strong acids, bases, reactive metals, and oxidizing agents. Carbon monoxide, carbon dioxide, and other organic vapors. |
| · | | |
| Hazardous Decompostion Products | | |
| Hazardous Decompostion Products 11. Toxicological Information | ical, | Carbon monoxide, carbon dioxide, and other organic vapors. |
| Hazardous Decompostion Products 11. Toxicological Information Likely Routes of Exposure Symptoms related to physical, chem | | Carbon monoxide, carbon dioxide, and other organic vapors. skin, ingestion, inhalation, and eyes through contact with hands |
| Hazardous Decompostion Products 11. Toxicological Information Likely Routes of Exposure Symptoms related to physical, chem and toxicological characteristics | cts | Carbon monoxide, carbon dioxide, and other organic vapors. skin, ingestion, inhalation, and eyes through contact with hands N/D |
| Hazardous Decompostion Products 11. Toxicological Information Likely Routes of Exposure Symptoms related to physical, chem and toxicological characteristics Delayed or Immediate exposure effect Chronic effects from short- and long | cts -term | Carbon monoxide, carbon dioxide, and other organic vapors. skin, ingestion, inhalation, and eyes through contact with hands N/D skin and eye irritation, dizziness, drowsiness. |
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| Hazardous Decompostion Products 11. Toxicological Information Likely Routes of Exposure Symptoms related to physical, chem and toxicological characteristics Delayed or Immediate exposure effect Chronic effects from short- and long exposure Numerical measures/estimates of tox Listed in the National Toxicology Pro- | cts -term kicity ogram | Carbon monoxide, carbon dioxide, and other organic vapors. skin, ingestion, inhalation, and eyes through contact with hands N/D skin and eye irritation, dizziness, drowsiness. None expected. LD ₅₀ >2000 mg/kg, Oral (Estimate calculated by toxicologist based on known ingredents). |
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12. Ecological Information

No specific eco-toxicological data and or biodegredation data has been determined for this preparation.

| Dianasal Mathada | | |
|--|------------------------------|---|
| Disposal Methods | Dispose of as I regulations. | hazardous waste observing all Federal, Provincial, State, Local, and Municipal |
| 14. Transport Information | | |
| Not Regulated for Transport | | |
| 15. Regulatory Information | | |
| TSCA Status | | Not listed. |
| CERCLA Section 102(a) (S Air Act) Status: | ection 112, Clean | Component listed: Glycol Ether EB (2-butoxyethanol (CAS# 111-76-2) . |
| EPCRA - SARA 313 Comp | onents | Components listed: Glycol Ether EB (2-butoxyethanol (CAS# 111-76-2) and Isopropyl alcohol (CAS# 67-63-0). |
| California Proposition 65, Water and Toxic Enforcen | • | This product contains no chemical(s) known to the State of California to cause cancer or other reproductive toxicity. |
| Other II C. State Inventori | | N/D |
| Other U.S. State Inventorie | es | N/D |
| 16. Other Information Prepared By | | INTERNATIONAL |