# 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 <sup>3</sup> (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 <sub>50</sub> (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.
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	cts -term kicity	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 <sub>50</sub> >2000 mg/kg, Oral (Estimate calculated by toxicologist based on
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 <sub>50</sub> >2000 mg/kg, Oral (Estimate calculated by toxicologist based on known ingredents).
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 (NTP) Report Listed in the latest edition of the Rep	cts -term xicity ogram oort on	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 <sub>50</sub> >2000 mg/kg, Oral (Estimate calculated by toxicologist based on known ingredents). Not listed

# 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