

Section 1 – Company and Product Identification

Supplier name : **Swadesh Life Science**
H-103, Sumel 7, Near Soni ni chali
BRTS, Rakhiyal,
Ahmedabad, Gujarat, India

Section 2 – Composition Information

Component	CAS Number	Amount
Alcohols, C16-18	67762-27-0	> = 66. < = 76. %
C16-18 fatty alcs., ethoxylated	68439-49-6	> = 24. < = 34. %

Section 3 – Hazards Identification

Emergency Overview:

Appearance: Transparent colorless above freezing/melting point – opaque white below freezing/melting point.

Physical State: Liquid above freezing/melting point – solid below freezing/melting point

Odor: Mild waxy

Hazards of Product: **CAUTION!**
Static ignition hazard can result from handling and use. Plastic Bag or Line, if present may cause Static ignition hazard.

Potential Health Effects:

Effects of Single Acute Overexposure

Inhalation: Short term harmful health effects are not expected from vapor generated at ambient temperature.

Eye Contact: May cause mild discomfort. Excess redness of the conjunctiva may occur. Effects may last for a few hours.

Skin contact: May cause prolonged mild local redness by sustained contact on abraded skin. Effects may last for a few hours.

Skin Absorption: No evidence of harmful effects from available information.

Swallowing: Abdominal discomfort, nausea and vomiting may occur.

Chronic, Prolonged or Repeated Overexposure

Effects of Repeated Overexposure: No adverse effects anticipated from available information.

Other Effects of Overexposure: None currently known.

Medical Conditions Aggravated by Exposure

A knowledge of the available toxicology information and of the physical and chemical properties of the material suggests that overexposure is unlikely to aggravate existing medical conditions.

Section 4 – First Aid Procedures

Inhalation:	No emergency care anticipated
Eye Contact:	Flush eyes thoroughly with water for several minutes. Remove contact lenses, if worn.
Skin Contact:	Wash skin with soap and water.
Swallowing:	If patient is fully conscious, give two glasses of water. Induce vomiting. This should be done only by medical or experienced first-aid personnel. Obtain medical attention.
Notes to Physician:	There is no specific antidote. Treatment of overexposure should be directly at the control of symptoms and the clinical condition of the patient.

Section 5 – Fire Fighting Measures

Flammable Properties:	
Flash Point – Closed Cup:	No currently available.
Flash Point – Open Cup:	Cleveland Open Cup (ASTM D92-66): 193.3°C 380°F
Autoignition Temperature:	No currently available.
Flammable Limits in Air:	Lower: Not determined. Upper: Not determined.
Extinguishing Media:	Use water spray, carbon dioxide, dry chemical alcohol-type or universal-type foam applied by manufacturer's recommended techniques.
Extinguishing Media to Avoid:	No information currently available.
Special Fire Fighting Procedure:	Do not direct a solid stream of water or foam into burning material; this may cause scattering and spread the fire.
Special Protective Equipment For Fire Fighters:	Use self-contained breathing apparatus and protective clothing.
Unusual Fire and Explosion Hazards:	Static ignition hazard can result from handling and use. Electrically bond and ground all containers, Personnel and equipment before transfer or use of material. Use proper bonding and grounding during product transfer as described in National fire Protection Association Document NFPA 77. See Section 8 – Engineering Controls.
Hazardous Combustion Products:	Burning can produce the following products: Carbon monoxide and/or carbon dioxide. Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient concentration can act as asphyxiant.

Section 6 – Accidental Release Measures

Steps to be taken if Material is Released or Spilled:	Collect and dispose. Observe government regulations.
Personal Precautions:	Wear suitable protective equipment. See Section 8 – Personal Protection.

Section 7 – Handling and Storage

General Handling:	Electrically bond and ground all containers, personnel and equipment before transfer or use of material. Maintain proper grounding at all times. Do not handle or empty bag or liner in presence of flammable vapor. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. FOR INDUSTRY USE ONLY.
Ventilation:	General (mechanical) room ventilation is expected to be satisfactory.
Storage:	Storage and Handling Instructions: Store at ambient conditions. Do not store above 90°F (32 °C). Excessive heat may cause caking. Mix well before using.

Section 8 – Exposure Controls and Personal Protection

Exposure Limits:	None established by OSHA or ACGIH.	
Personal Protection:	Respiratory Protection:	None expected to be needed.
	Ventilation:	General (mechanical) room ventilation is expected to be satisfactory.
	Eye Protection:	Safety Glasses.
	Protective Gloves:	Rubber
	Other Protective Equipment:	Eye Bath, Safety Shower

Engineering Controls: Process Hazard: Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature and pressure, or sudden ingress of air into hot equipment under vacuum may result in ignitions without the presence of obvious ignition sources. Published “auto-ignition” or “ignition” temperature values cannot be treated as safe operating temperature in chemical processes without analysis of the actual process conditions. Any use of this product in elevated-temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions. Further information is available in a technical bulletin entitled “ignition Hazards of Organic Chemical Vapors.”

Section 9 – Physical and Chemical Properties

Physical State:	Liquid above freezing /melting point – solid below freezing/melting point.
Appearance:	Transparent colorless above freezing/melting point – opaque white below freezing/melting point.
pH:	Not currently available.
Solubility in Water (by Weight):	Dispersible.
Odor:	Mild waxy.
Flash Point – Open cup:	Cleveland Open Cup (ASTM D92-66)
Boiling Point	(760 mm Hg):204.4°C 400°F
Freezing Point:	Not determined
Specific Gravity	(H ₂ O = 1): 0.9 65°C / 20°C
Vapor Pressure	@ 20°C: < 0.1 kPa < 1 mm Hg
Vapor Density	(air=1): Not determined.
Melting Point:	47 – 55 °C 117 – 131 °

Section 10 – Stability and Reactivity

Stability/Instability:	Stable
Conditions to Avoid:	Strong oxidizing agents.
Incompatible Materials:	Concentrated nitric or sulfuric acid.
Hazardous Polymerization:	Will Not Occur.
Inhibitors/Stabilizers:	Not applicable.

Section 11 – Toxicological Information

None known from currently available information

Section 12 – Ecological Information

Environmental Fate

Ecotoxicity: Toxicity to Micro-organisms: Bacterial/NA IC₅₀ > 5000 mg/l

Toxicity to Aquatic Invertebrates: Daphnia LC₅₀ > 1000 mg/l

Toxicity to Fish: Fathead Minnow LC₅₀ > 1000 mg/l

Section 13 – Disposal Considerations

Waste Disposal Method: Follow all Federal, State and Local regulations for non-hazardous waste disposal. Dispose in accordance with all applicable Federal, State and Local environmental regulations. Empty containers should be recycled or disposed of through an approved waste management facility.

Disposal Considerations: Disposal methods identified are for the product as sold. For proper disposal of used material, an assessment must be completed to determine the proper and permissible waste management options permissible under applicable rules, regulation and/or laws governing your locations.