MATERIAL SAFETY DATA SHEET

1.PRODUCT IDENTIFICATION

PART - A

PRODUCT NAME:9005 Max Ecolite Part -A

MANUFACTURER'S NAME: SEMITRONE CONCHEM LTD.

2nd Floor, Neelmani Chambers, B/h. Sales India,
Ashram Road, Ahmedabad - 380009, Gujarat.
Mo: +91 90991 66000
Email: info@semitrone.com
Website: semitrone.com

Reviewed & Approved by

Hitesh Gajjar
Vice President – R&D

2.HAZARDOUS INGREDENTS

Skin corrosion Classification	Category 1B
Skin Sensitization	Category 1
Serious eye damage/eye irritation	Category 1
Label Element	
Signal Words	Danger
Hazard Statement(s)	H315- Causes skin irritation H317 -May cause an allergic skin reaction. H318 Causes serious eye irritation. H411-Toxic to aquatic life with long lasting effects.
Precautionary Statement(s) Prevention	P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection. P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
Precautionary Statement(s) Response	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER/doctor
Precautionary Statement(s) Storage	P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
Precautionary Statement(s) Disposal	P501-Dispose of contents/container in accordance with local/regional/national/international regulations.
Other hazards which do not result in classification	None known.

Supplemental information	Harmful to aquatic life with long lasting effects. Avoid release to the environment
Emergency overview	IRRITANT. Irritating to eyes, respiratory system and skin.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures : Information on ingredients / Hazardous components

Name	CAS No	Content (% by wt.)
Poly[oxy(methyl-1,2-1– 4 ethanediyl)], .alpha.-(2-aminometh ylethyl)-.omega .-(2-amino methylethoxy)-	9046-10-0	1 - 4
3,6,9-Triazaundecamethylenediamine	112-57-2	< 2
Formaldehyde, polymer with N1-(2-aminoethyl)-N2-[2-[(2aminoethyl)amino]ethyl]-1,2-ethanediamine, 2,2'-[1,4-butanediylbis(oxymethylene)]bis[oxirane], 4,4'-(1-methylethylidene) bis(4,1-phenyleneoxymethylene)bis[oxirane], reaction products with Bu glycidylether and 1-[[2-(2-aminoethyl) ethyl]amino]-3-phenoxy-2-propanol, acetates (salts)	180583-06-6	> 15
Glass, oxide, chemicals	65997-17-3	95-99

Composition comments : All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. FIRST-AID MEASURES

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if any discomfort continues
Skin contact	Take off immediately all contaminated clothing. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse. Get medical attention immediately
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately
Ingestion	Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention if any discomfort continues.
Personal protection for first-aid responders	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves

Symptoms caused by exposure	Up to now no symptoms are known
Medical attention and special treatment	Provide general supportive measures and treat symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing media	
Suitable extinguishing media	Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO_2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire
Specific hazards arising from the chemical	May generate ammonia gas. May generate toxic nitrogen oxide gases. Use of water may result in the formation of very toxic aqueous solutions. Do not allow run-off from fire fighting to enter drains or water courses. Incomplete combustion may form carbon monoxide. Ammonia gas may be liberated at high temperatures. In case of incomplete combustion an increased formation of oxides of nitrogen (NOx) is to be expected. Downwind personnel must be evacuated. Burning produces noxious and toxic fumes.
Special protective equipment and precautions for fire fighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Firefighting equipment/instructions	Wear self-contained breathing apparatus for firefighting if necessary. Avoid contact with skin. A face shield should be worn. Do not allow run-off from fire fighting to enter drains or water courses.
General fire hazards	No unusual fire or explosion hazards noted.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.
For emergency responders	Wearing appropriate protective clothing.
Environmental precautions	Avoid release to the environment. Do not discharge into drains, water courses or onto the ground. Environmental manager must be informed of all major releases
Methods and materials for containment and cleaning up	Large Spills: Pick up with suitable appliance and dispose of. Pack in tightly closed containers for disposal . Small Spills: Pick up with suitable appliance and dispose off.

Other issues relating to spills and releases	Never return spills in original containers for re-use. For waste disposal, see Section 13 of the SDS. Clean up in accordance with all applicable regulations.

7. HANDLING AND STORAGE

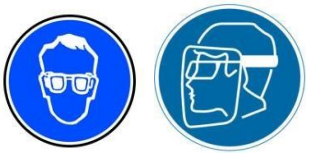
Precautions for safe handling	Use personal protective equipment. Do not use sodium nitrite or other nitrosating agents in formulations containing this product. Suspected cancer-causing nitrosamines could be formed. Avoid contact with skin and eyes. Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations. Avoid contact with eyes. Hygiene measures: Provide readily accessible eye wash stations and safety showers. General protective measures: Discard contaminated leather articles. Provide readily accessible eye wash stations and safety showers. Wash hands at the end of each work shift and before eating, smoking or using the toilet.
Conditions for safe storage, including any incompatibilities	Containers should be stored tightly sealed in a dry place. Do not store near acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters	No Data Available
Occupational exposure limits	No Data Available
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Good general ventilation should be used. Provide eyewash station.

Individual protection measures, for example personal protective equipment (PPE)

Eye/face protection	Wear safety glasses with side shields (or goggles). Face-shield. Wear a fullface respirator, if needed
Skin protection Hand protection	Wear appropriate chemical resistant gloves.
Others	Body protection must be chosen based on level of activity and exposure.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment



Hygiene measures	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Paste
Colour	coloured
Odour	Typical
pH	Not applicable
Melting point/ freezing point	Not applicable
Initial boiling point and boiling range	$>100^0$C
Flash point	Not flammable
Evaporation rate	Not applicable
Flammability (solid, gas)	Not flammable
Vapor pressure	Not applicable
Relative density	1.10
Solubility (water)	Dispersible in water
Auto-ignition temperature	Not available

10. STABILITY AND REACTIVITY

Reactivity	Corrosive to certain metals. Copper Aluminum. Zinc.
Chemical stability	Material is stable under normal conditions
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Heat, flame
Incompatible materials	CAUTION! N-Nitrosamines, many of which are known to be potent carcinogens, may be formed when the product comes in contact with nitrous acid, nitrites or atmospheres with high nitrous oxide concentrations. Nitrous acid and other nitrosating agents, Organic acids (i.e. acetic acid, citric acid etc.). Mineral acids. sodium hypochlorite, Oxidizing agents Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion. Product slowly corrodes copper, aluminum, zinc and galvanized surfaces.

Hazardous decomposition products	Nitric acid, Ammonia, Nitrogen oxides (NOx) Nitrogen oxide can react with water vapors to form corrosive nitric acid. Carbon monoxide, Carbon dioxide (CO2) Nitrosamine Chlorine

11. TOXICOLOGICAL INFORMATION

Information on possible routes of exposure but include entry for	Routes of entry for solids and liquids are ingestion and inhalation, may include eye or skin contact. Routes of entry for gases inhalation and eye contact. Skin contact may be a route of liquid.

Acute toxicity/ Effects

	May cause discomfort if swallowed.
Oral	LD50, Species: Rat, Dose: 2.1 g/kg,
Inhalation	May cause respiratory irritation
Dermal	LD50 Species: Rat, Dose: 2.0 g/kg, No death observed
Eye	Causes eye irritation on direct contact
Sensitization	May cause sensitization by skin contact

Chronic Toxicity /Effects

Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA
Reproductive toxicity	No classified
Aspiration hazard	Not classified
Other Information	Nil.

12. ECOLOGICAL INFORMATION

Aquatic-toxicity	Harmful to aquatic life with long lasting effects
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Additional information	Do not allow to enter soil, waterways or waste water canal.

13. DISPOSAL CONSIDERATIONS

Disposal methods	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local / regional/ national/ international regulations.
Residual waste	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging	Completely emptied packaging can be given for recycling.

14. TRANSPORT INFORMATION

IMDG	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Tetraethylenepentamine) Class : 9 Packing group : III
IATA/ ICAO	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Tetraethylenepentamine) Class : 9 Packing group : III

15. REGULATORY INFORMATION

Safety, health and environmental regulations

National regulations	Followed
International regulations	EINECS: All ingredients listed, exempt or notified (ELINCS). TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances. AICS: All ingredients listed, exempt or notified. IECSC: All ingredients listed or exempt. KECL: All ingredients listed, exempt or notified. PICCS: All ingredients listed, exempt or notified. DSL: All ingredients listed or exempt.

16. OTHER INFORMATION

This information is furnished without warranty, representation, inducement or license of any kind; Except that it is accurate to the best of our knowledge, or obtained from sources believed by us to be accurate

1.PRODUCT IDENTIFICATION

PART - B

PRODUCT NAME: 9005 Max Ecolite Part –B

2.HAZARDOUS INGREDENTS

Classification of the Substance or MixtureGHS-US/CA Classification

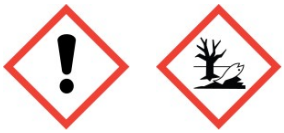
Skin Irrit. 2	H315
Eye Irrit. 2A	H319
Skin Sens. 1	H317
Aquatic Acute 2	H401
Aquatic Chronic 2	H411

Full text of hazard classes and H-statements : see section 16

Label Elements

GHS-US/CA Labeling

Hazard Pictograms (GHS-US/CA) :



GHS07 GHS09

Signal Word (GHS-US/CA) : Warning

Hazard Statements (GHS-US/CA) : H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H401 - Toxic to aquatic life.

H411 - Toxic to aquatic life with long lasting effects.

Precautionary Statements (GHS-US/CA) :P261 - Avoid breathing vapors, mist, or spray.

P264 - Wash hands, forearms and face thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.

P280 - Wear protective gloves, protective clothing, and eye protection.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 - Specific treatment (see section 4 on this SDS).

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P391 - Collect spillage.

P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

Unknown Acute Toxicity (GHS-US/CA)
No data available

3: COMPOSITION/INFORMATION ON INGREDIENTS
Substance
Not applicable
Mixture

Name	Product Identifier	% *	GHS Ingredient Classification
Oxirane, 2,2'-[(1methylethylidene)bis(4,1phenyleneoxymethylene)]bis-, homopolymer	(CAS-No.) 25085-99-8	45 - 52	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Formaldehyde, polymer with (chloromethyl)oxirane and phenol	(CAS-No.) 9003-36-5	10 - 17	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Alkyl (C12-14) glycidyl ether	(CAS-No.) 68609-97-2	7 - 14	Skin Irrit. 2, H315 Skin Sens. 1, H317
Petroleum distillates, hydrotreated light	(CAS-No.) 64742-47-8	0.1 - 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Polyethylene glycol	(CAS-No.) 25322-68-3	<= 0.039	STOT SE 3, H335
Potassium hydroxide	(CAS-No.) 1310-58-3	0.0225	Met. Corr. 1, H290 Acute Tox. 3 (Oral), H301 Skin Corr. 1A, H314 Eye Dam. 1, H318 STOT SE 1, H370

Full text of H-phrases: see section 16
*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).
** The actual concentration of ingredient(s) is withheld as a trade secret in accordance with the Hazardous Products Regulations (HPR) SOR/2015-17 and 29 CFR 1910.1200.

4. FIRST-AID MEASURES

Description of First-aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Immediately drench affected area with water for at least 15 minutes. Obtain medical attention if irritation/rash develops or persists.

Eye Contact: Immediately rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

Most Important Symptoms and Effects Both Acute and DelayedGeneral: Skin sensitization. Causes skin irritation. Causes serious eye irritation.
Inhalation: Prolonged exposure may cause irritation.

Skin Contact: May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

Indication of Any Immediate Medical Attention and Special Treatment Needed
If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media : Water spray, fog, carbon dioxide (CO_2), alcohol-resistant foam, or dry chemical.
Unsuitable Extinguishing Media : Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Hazards Arising From the Substance or Mixture

Fire Hazard : Not considered flammable but may burn at high temperatures.
Explosion Hazard : Product is not explosive.
Reactivity : Hazardous reactions will not occur under normal conditions.

Advice for Firefighters

Precautionary Measures Fire : Exercise caution when fighting any chemical fire.
Firefighting Instructions : Use water spray or fog for cooling exposed containers.
Protection During Firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.
Hazardous Combustion Products: Carbon oxides (CO, CO_2). Nitrogen oxides. Sulfur oxides. Phenolic compounds.
Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

Reference to Other Sections
Refer to Section 9 for flammability properties.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

General Measures : Avoid breathing (vapor, mist, spray). Do not get in eyes, on skin, or on clothing. Avoid all contact with skin, eyes, or clothing.
For Non-Emergency Personnel
Protective Equipment : Use appropriate personal protective equipment (PPE).
Emergency Procedures :Evacuate unnecessary personnel.
For Emergency Personnel
Protective Equipment : Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

Environmental Precautions
Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

Methods and Materials for Containment and Cleaning Up

For Containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

Reference to Other Sections
See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with skin, eyes and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing vapors, mist, spray.
Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. \

Conditions for Safe Storage, Including Any Incompatibilities
Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. **Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

Specific End Use(s) Grout.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Petroleum distillates, hydrotreated light (64742-47-8)		
British Columbia	OEL TWA (mg/m³)	200 mg/m³ (application restricted to conditions in which there are negligible aerosol exposures)

Potassium hydroxide (1310-58-3)		
USA ACGIH	ACGIH Ceiling (mg/m³)	2 mg/m³
USA NIOSH	NIOSH REL (ceiling) (mg/m³)	2 mg/m³
Alberta	OEL Ceiling (mg/m³)	2 mg/m³
British Columbia	OEL Ceiling (mg/m³)	2 mg/m³
Manitoba	OEL Ceiling (mg/m³)	2 mg/m³
New Brunswick	OEL Ceiling (mg/m³)	2 mg/m³
Newfoundland & Labrador	OEL Ceiling (mg/m³)	2 mg/m³
Nova Scotia	OEL Ceiling (mg/m³)	2 mg/m³
Nunavut	OEL Ceiling (mg/m³)	2 mg/m³
Northwest Territories	OEL Ceiling (mg/m³)	2 mg/m³
Ontario	OEL Ceiling (mg/m³)	2 mg/m³
Prince Edward Island	OEL Ceiling (mg/m³)	2 mg/m³
Québec	PLAFOND (mg/m³)	2 mg/m³
Saskatchewan	OEL Ceiling (mg/m³)	2 mg/m³
Yukon	OEL Ceiling (mg/m³)	2 mg/m³

Polyethylene glycol (25322-68-3)		
USA AIHA	WEEL TWA (mg/m³)	10 mg/m³ (molecular weight>200-aerosol)

Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles.

Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves.

Eye and Face Protection: Chemical safety goggles.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information: When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	Liquid
Appearance	:	White
Odor	:	Ammonia
Odor Threshold	:	Not available
pH	:	Not available
Evaporation Rate	:	Not available
Melting Point	:	0 °C (32 °F)
Freezing Point	:	Not available
Boiling Point	:	100 °C (212 °F)
Flash Point	:	Not available
Auto-ignition Temperature	:	Not available
Decomposition Temperature	:	Not available
Flammability (solid, gas)	:	Not applicable
Lower Flammable Limit	:	Not available
Upper Flammable Limit	:	Not available

Vapor Pressure	:	Not available
Relative Vapor Density at 20°C	:	Not available
Relative Density	:	Not available
Specific Gravity	:	1.09
Solubility	:	Water: Soluble
Partition Coefficient: N-Octanol/Water	:	Not available
Viscosity	:	Not available

10. STABILITY AND REACTIVITY

Reactivity: Hazardous reactions will not occur under normal conditions.

Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Direct sunlight, extremely high or low temperatures, and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

Hazardous Decomposition Products: Not expected to decompose under ambient conditions.

11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product
Acute Toxicity (Oral): Not classified
Acute Toxicity (Dermal): Not classified
Acute Toxicity (Inhalation): Not classified
LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Causes skin irritation.

Eye Damage/Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitization: May cause an allergic skin reaction.

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.
Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness, and dermatitis.
Symptoms/Injuries After Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.
Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.
Chronic Symptoms: None expected under normal conditions of use.

Information on Toxicological Effects - Ingredient(s) LD50 and LC50 Data:

Petroleum distillates, hydrotreated light (64742-47-8)	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat	> 5.3 mg/l/4h

Potassium hydroxide (1310-58-3)	
LD50 Oral Rat	284 mg/kg

Polyethylene glycol (25322-68-3)	
LD50 Oral Rat	22 g/kg
LD50 Dermal Rabbit	> 20 g/kg

Alkyl (C12-14) glycidyl ether (68609-97-2)	
LD50 Oral Rat	17100 mg/kg
LD50 Dermal Rabbit	> 3987 mg/kg

Formaldehyde, polymer with (chloromethyl)oxirane and phenol (9003-36-5)	
LD50 Oral Rat	> 2 g/kg

15. US State Regulations

Potassium hydroxide (1310-58-3)

U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S. - Pennsylvania - RTK (Right to Know) List

Canadian Regulations

Petroleum distillates, hydrotreated light (64742-47-8)
Listed on the Canadian DSL (Domestic Substances List)
Listed on the Canadian DSL (Domestic Substances List)
Polyethylene glycol (25322-68-3)
Listed on the Canadian DSL (Domestic Substances List)
Alkyl (C12-14) glycidyl ether (68609-97-2)
Listed on the Canadian DSL (Domestic Substances List)
Formaldehyde, polymer with (chloromethyl)oxirane and phenol (9003-36-5)
Listed on the Canadian DSL (Domestic Substances List)
Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer (25085-99-8)
Listed on the Canadian DSL (Domestic Substances List)

16. OTHER INFORMATION INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision **:** 11/07/2019

Other Information **:** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

GHS Full Text Phrases:

Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Asp. Tox. 1	Aspiration hazard Category 1
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 3	Flammable liquids Category 3
Met. Corr. 1	Corrosive to metals Category 1
Skin Corr. 1A	Skin corrosion/irritation Category 1A

Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
STOT SE 1	Specific target organ toxicity (single exposure) Category 1
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H226	Flammable liquid and vapor
H290	May be corrosive to metals
H301	Toxic if swallowed
H304	May be fatal if swallowed and enters airways
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H370	Causes damage to organs
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.