





SAFETY DATA SHEET

Version No:01
Issue Date: 14-Sep-2022

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name	Mastic- Part A
Recommended use	Two component epoxy putty for repair compound. (For professional use).
Manufacturer/ Importer/ Supplier/ Distributor information	Company Name: LATICRETE MIDDLE EAST LLC Address P.O. Box. 86028, Ras Al Khaimah, United Arab Emirates Telephone: +971 7 244 6396

2. HAZARD (s) IDENTIFICATION

Classification	Skin irritation - Category 2 - H315 Eye irritation - Category 2 - H319 Skin sensitization - Category 1 - H317 Chronic aquatic toxicity - Category 2 - H411
Label Element	 
Signal Words	Harmful, Danger for Environment H315 Causes skin irritation
Hazard Statement(s)	H317 - May cause an allergic skin reaction. H319 Causes serious eye irritation. H411 Toxic to aquatic life with long lasting effects
Precautionary Statement(s) Prevention	P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. P273 Avoid release to the environment. P280 Wear protective gloves/ eye protection/ face protection.
Precautionary Statement(s) Response	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
Precautionary Statement(s) Storage	P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
Precautionary Statement(s) Disposal	P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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.
Other hazards which do not result in classification	None known. EUH205 Contains epoxy constituents. May produce an allergic reaction.
Supplemental information	Contains Reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight <= 700); Reaction product: Bisphenol F-(epichlorohydrin); epoxy resin; oxirane, mono[(C12-14-alkyloxy)methyl]derivs
Emergency overview	IRRITANT. Irritating to eyes, respiratory system and skin.



SAFETY DATA SHEET

Version No:01
Issue Date: 14-Sep-2022

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures : Information on ingredients / Hazardous components as per EU-CLP Regulation (EC) No. 1272/2008

Name	CAS No	Content (% by wt)
2,2'-[(1-methylethylidene) bis (4,1- phenyleneoxymethylene)] bisoxirane	1675-54-3	55 -60
Dolomite	16389-88-1	>10

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	Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective. Water fog, applied gently may be used as a blanket for fire extinguishment.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire
Specific hazards arising from the chemical	During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Phenolics. Carbon monoxide. Carbon dioxide.
Special protective equipment and precautions for fire fighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). Avoid contact with this material during fire fighting operations. If contact is likely, change to full chemical resistant fire fighting clothing with self-contained breathing apparatus. If this is not available, wear full chemical resistant clothing with self-contained breathing apparatus and fight fire from a remote location. For protective equipment in post-fire or non-fire clean-up situations, refer to the relevant sections.
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	Container may rupture from gas generation in a fire situation. Violent steam generation or eruption may occur upon application of direct water stream to hot liquids.



SAFETY DATA SHEET

Version No:01
Issue Date: 14-Sep-2022

Dense smoke is emitted when burned without sufficient oxygen.

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

Wear 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.

Storage temperature $\leq 40^{\circ}\text{C}$.

Containers should be stored tightly sealed in a dry place. Do not store near acids.

Conditions for safe storage, including any incompatibilities

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Follow standard monitoring procedures.

Occupational exposure limits

No exposure limits noted for ingredient(s).

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 full-face respirator, if needed





SAFETY DATA SHEET

Version No:01
Issue Date: 14-Sep-2022

Skin protection Hand protection

Wear appropriate chemical resistant gloves. Standard EN374: Protective gloves against chemicals and micro-organisms.



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
Color	Light Brown
Odour	Typical
pH	Not applicable
Melting point/ freezing point	Not applicable
Initial boiling point and boiling range	Not applicable
Flash point	>170°C
Evaporation rate	Not applicable
Flammability (solid, gas)	Not applicable
Vapor pressure	Not applicable
Relative density	1.1
Solubility (water)	Insoluble
Auto-ignition temperature	Not available

10. STABILITY AND REACTIVITY

Reactivity	The product is stable and non reactive under normal conditions of use, storage and transport.
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	Strong acids.
Hazardous decomposition products	Carbon dioxide, carbon monoxide, nitrogen oxides, phenolics.

11. TOXICOLOGICAL INFORMATION

Information on possible routes of exposure	Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquid.
Acute toxicity/ Effects	May cause discomfort if swallowed. Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.
Oral	As product: Single dose oral LD50 has not been determined. Based on information for component(s): LD50, Rat, > 10,000 mg/kg Estimated.
Inhalation	Excessive exposure may cause irritation to upper respiratory tract (nose and throat). The LC50 has not been determined.



SAFETY DATA SHEET

Version No:01
Issue Date: 14-Sep-2022

Dermal	Prolonged skin contact is unlikely to result in absorption of harmful amounts. As product: The dermal LD50 has not been determined. Based on information for Component (s): LD50, Rabbit, > 5,000 mg/kg Estimated.
Eye	Causes eye irritation on direct contact
Sensitization	A component in this mixture has caused allergic skin reactions in humans. Contains component(s) which have caused allergic skin sensitization in guinea pigs. Contains component(s) which have demonstrated the potential for contact allergy in mice.
Chronic Toxicity /Effects	
Carcinogenicity	Many studies have been conducted to assess the potential carcinogenicity of diglycidyl ether of bisphenol A (DGEBA). Indeed, the most recent review of the available data by the International Agency for Research on Cancer (IARC) has concluded that DGEBA is not classified as a carcinogen. Although some weak evidence of carcinogenicity has been reported in animals, when all of the data are considered, the weight of evidence does not show that DGEBA is carcinogenic.
Teratogenicity	Resins based on the diglycidyl ether of bisphenol A (DGEBA) did not cause birth defects or other adverse effects on the fetus when pregnant rabbits were exposed by skin contact, the most likely route of exposure, or when pregnant rats or rabbits were exposed orally. Contains component(s) which did not cause birth defects in laboratory animals.
Reproductive toxicity	In animal studies, resins based on the diglycidyl ether of bisphenol A (DGEBA) have been shown not to interfere with reproduction
Aspiration hazard	Based on physical properties, not likely to be an aspiration hazard.
Other Information	Nil.

12. ECOLOGICAL INFORMATION

Toxic to aquatic life with long lasting effects.		
	<u>Components</u>	<u>Species</u> <u>Test Results</u>
	Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers (CAS 25085-99-8)	
	Aquatic	
	Acute	
Eco-toxicity	Algae	IC50 Algae 11 mg/l, 72 hours
	Crustacea	EC50 Daphnia 1.8 mg/l, 48 hours
	Fish	LC50 Fish 1 - 10 mg/l
	Reaction product: Bisphenol F-(epichlorohydrin); epoxy resin (CAS 28064-14-4)	
	Aquatic	
	Acute	
	Fish	LC50 Fish 1 - 10 mg/l
Persistence and degradability	No data available.	
Bioaccumulative potential	No data available.	
Mobility in soil	No data available.	
Additional information	Do not allow to enter soil, waterways or wastewater 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.



SAFETY DATA SHEET

Version No:01
Issue Date: 14-Sep-2022

14. TRANSPORT INFORMATION

IMDG	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers, Reaction product: Bisphenol F-(epichlorohydrin); epoxy resin) Class : 9 Packing group : III (EmS) : F-A, S-F
IATA/ ICAO	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers, Reaction product: Bisphenol F-(epichlorohydrin); epoxy resin) Class : 9 Packing group : III Environmental hazards: Yes

15. REGULATORY INFORMATION

Safety, health and environmental regulations

National regulations	Followed 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.
International regulations	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

Issue date	14-Sep-2022
------------	-------------

Disclaimer: The information in this (M) SDS was obtained from sources which we believe are reliable but cannot guarantee. Additionally, your use of this information is beyond our control and may be beyond our knowledge. Therefore, the information is provided without any representation or warranty express or implied.



SAFETY DATA SHEET





Version No:01
Issue Date: 14-Sep-2022

Mastic

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name	Mastic - Part B
Recommended use	Two component epoxy putty for repair compound. (For professional use).
Manufacturer/ Importer/ Supplier/ Distributor information	Company Name: LATICRETE MIDDLE EAST LLC Address P.O. Box. 86028, Ras Al Khaimah, United Arab Emirates Telephone: +971 7 244 6396

2. HAZARD (s) IDENTIFICATION

Classification	Acute toxicity (Oral) Category 4 H302 Acute toxicity (Inhalation) Category 4 H332 Skin corrosion Category 1B H314 Skin Sensitization Category 1 H317 Reproductive toxicity Category 2 H361fd Specific target organ toxicity - repeated exposure Category 2 H373 Acute aquatic toxicity Category 1 H400 Chronic aquatic toxicity Category 1 H410
Label Element	   
Signal Words	Corrosive, Harmful, Health Hazard, Danger for Environment H302 + H332 - Harmful if swallowed or if inhaled H314 - Causes severe skin burns and eye damage. H317 - May cause an allergic skin reaction.
Hazard Statement(s)	H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child. H373 - May cause damage to organs through prolonged or repeated exposure. H410 - Very toxic to aquatic life with long lasting effects
Precautionary Statement(s) Prevention	P260 - Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection. P281 - Use personal protective equipment as required.
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. P303 + P361 + P353 IF ON SKIN (or hair): Wash with plenty of soap and water. P362 + P364 Take off contaminated clothing and wash before reuse.
Precautionary Statement(s) Storage	P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
Precautionary Statement(s) Disposal	P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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.
Other hazards which do not result in classification	None known.
Supplemental information	In combination with water, repeated or prolonged dermal exposure can cause moderate to severe alkali burns
Emergency overview	IRRITANT. Irritating to eyes, respiratory system and skin.



SAFETY DATA SHEET

Version No:01
Issue Date: 14-Sep-2022

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures : Information on ingredients / Hazardous components as per EU-CLP Regulation (EC) No. 1272/2008

Name	CAS No	Content (% by wt)
Reaction products of 3-aminomethyl-3,5,5-trimethylcyclohexylamine and 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	38294-64-3	>15
Polyoxypropylene diamine	9046-10-0	>10
Benzyl alcohol	100-51-6	>5
3-Aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	>5
2,4,6-Tris(dimethylaminomethyl)phenol	90-72-2	>1

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 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.
Specific hazards arising from the chemical	Ammonia gas may be liberated at high temperatures. In case of incomplete combustion an increased formation of oxides of nitrogen (NO _x) 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.



SAFETY DATA SHEET

Version No:01
Issue Date: 14-Sep-2022

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

Follow standard monitoring procedures.

3,6,9-Triazaundecamethylenediamine : TWA 5 mg/m³ Aerosol

Occupational exposure limits

No exposure limits noted for ingredient(s).

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

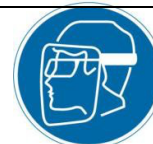
Good general ventilation should be used. Provide eyewash station.

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

Eye/face protection

Wear safety glasses with side shields (or goggles).

Face-shield. Wear a full- face 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



SAFETY DATA SHEET

Version No:01
Issue Date: 14-Sep-2022

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Paste
Colour	Grey
Odour	Typical
pH	Not applicable
Melting point/ freezing point	Not applicable
Initial boiling point and boiling range	>195°C
Flash point	>100°C
Evaporation rate	Not applicable
Flammability (solid, gas)	Not applicable
Vapor pressure	Not applicable
Relative density	1.2
Solubility (water)	Insoluble
Auto-ignition temperature	Not available

10. STABILITY AND REACTIVITY

Reactivity	The product is stable and non reactive under normal conditions of use, storage and transport.
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	Strong acids.
Hazardous decomposition products	Carbon dioxide, carbon monoxide, nitrogen oxides

11. TOXICOLOGICAL INFORMATION

Information on possible routes of exposure	Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquid.
Acute toxicity/ Effects	
Oral	May cause discomfort if swallowed. LD50, Species: Rat, Dose: > 500 mg/kg, Method: estimated
Inhalation	LC50 Species: Rat, Exposure duration: 1 h, Dose: > 20 mg/l, Method: estimated
Dermal	LD50 Species: Rabbit, Dose: > 2.000 mg/kg, Method: estimated
Eye	Causes eye irritation on direct contact
Sensitization	May cause sensitization by skin contact
Chronic Toxicity /Effects	
Carcinogenicity	No data available
Repeated dose toxicity	Mixed polycycloaliphatic amines were tested in rats for systemic effects in a sub chronic (28-day) oral study at doses ranging from 15 to 300 mg/kg/day. Effects seen at 300 mg/kg/day included decreased survival, decreased body weight gain, increased liver, kidney, and adrenal weights and histological changes in the liver, kidney, adrenals and spleen. The No-Observed-Adverse-Effect-Level (NOAEL) was 15 mg/kg/day. Rats exposed orally to 800 mg/kg benzyl alcohol for thirteen weeks exhibited CNS depression and histopathological changes in the brain, thymus and skeletal muscles. The No Observed Adverse Effect Level (NOAEL) was 400 mg/kg. No evidence of carcinogenicity was seen in a two-year study with rats and mice.



SAFETY DATA SHEET

Version No:01
Issue Date: 14-Sep-2022

Reproductive toxicity	No data available
Aspiration hazard	Not classified
Other Information	Nil.

12. ECOLOGICAL INFORMATION

Aquatic-toxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment
Persistence and degradability	No data available.
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 2735 Proper Shipping Name : Amines, Liquid, Corrosive Class : 8 Packing group : III Emergency Schedule (EmS) : F-A, S-B Labels : corrosive
IATA/ ICAO	UN 2735 Proper Shipping Name : Amines, Liquid, Corrosive Class : 8 Packing group : III Emergency Schedule (EmS) : F-A, S-B Labels : corrosive

15. REGULATORY INFORMATION

Safety, health and environmental regulations

National regulations	Followed 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.
International regulations	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

Issue date	14-Sep-2022
------------	-------------

Disclaimer: The information in this (M) SDS was obtained from sources which we believe are reliable but cannot guarantee. Additionally, your use of this information is beyond our control and may be beyond our knowledge. Therefore, the information is provided without any representation or warranty express or implied.