SAFETY DATA SHEET (SDS)

Section 1. Identification

Product identifier	LAPOX LV Clear, Part A
Other means of identification	LPLV -000–A
Recommended use and restrictions on use	Floor Coating
Initial supplier identifier	LabSurface. 101-1079 des Forges, Terrebonne, J6Y 0J9, Qué (Canada) Tél. (450) 966-9000
Emergency telephone number/restriction on use	Canada – CANUTEC Number 24 hours 613-996-6666

Section 2. Hazard Identification

Classification of hazardous product (name of the category or subcategory of the hazard class)

Acute toxicity, oral (Category 4)
Acute toxicity, dermal (Category 4)
Acute toxicity, inhalation (Category 4)
Skin corrosion/irritation (Category 2)
Skin sensitisation (Category 1)
Serious eye damage/eye irritation (Category 2A)
Hazardous to the aquatic environment, long-term hazard (Category 2)

Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)

Warning
H302 Harmful if swallowed.
H312 Harmful if in contact with skin.
H332 Harmful if inhaled.
H315 Causes Skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects

Prevention

P261 Avoid breathing dust/fume/gas/mist/vapors/spray. P264 Wash hands/nails/face/eyes thoroughly after handling. P265 Do not touch eyes. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well ventilated area. P272 Contaminated work clothing should not be allowed out of workplace. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/ face protection.

Response

IF SWALLOWED: P301 + P317 Get emergency medical help. P330 Rinse mouth.
IF ON SKIN: P302 + P352 Wash with plenty of water. P317 Get emergency medical help. IF SKIN IRRITATION occurs: P332 + P317 Get emergency medical help. P362 + P364 Take off contaminated clothing and wash it before reuse.
IF INHALED: P304 + P340 Remove person to fresh air and keep comfortable for breathing. P317 Get emergency medical help.
IF IN EYES: P305 + P351 + P338 Rinse cautiously with water. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P317 If eye irritation persists: Get emergency medical help.
P391 Collect spillage

Disposal

P501 Dispose of contents/container into safe container in accordance with local, regional or national regulations.

Other hazards known	None

Section 3. Composition/Information on Ingredients

Chemical name (common name/synonyms)	CAS number or other	Concentration (%)*
Epoxy liquid resin	25068-38-6	50-80 %
1,4-Butanediol Diglycidyl Ether	2425-79-8	15-40 %

*Statement - This safety data sheet provides concentration range(s) instead of the actual concentration(s) considered trade secret(s)

Section 4. First-Aid Measures

Inhalation	IF INHALED: If overexposure remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration or give oxygen by trained personnel. If symptoms persist, seek medical attention. Give artificial respiration ONLY if breathing has stopped.
Ingestion	IF SWALLOWED: Call a doctor if you feel unwell. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomits. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person.

	Do not use mouth-to-mouth method if victim ingested the substance.
Skin contact	IF ON SKIN: Remove contaminated clothing, wash immediately with soap and water (20 - 30 minutes). If symptoms persist, seek medical attention. Wash contaminated clothing before reuse.
Eye contact	IF IN EYES, Rinse cautiously with water for several minutes (20 - 30 minutes). Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Most important symptoms and effects (acute or delayed)	Harmful if swallowed, in contact with skin or if inhaled. Causes Skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.
Indication of immediate medical attention/special treatment	In all cases, call a doctor. Do not forget this document.

Section 5. Fire-Fighting Measures

Specific hazards of the hazardous product (hazardous combustion products)

No data available

Suitable and unsuitable extinguishing media

In case of fire: Use carbon dioxide (CO_2), dry chemical, regular foam extinguishing agent, spray.

Special protective equipment and precautions for fire-fighters

During a fire, irritating/toxic fumes may be generated. Do not enter fire area without proper protection. Firefighters should wear proper protective equipment as required.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Evacuate non-emergency personnel. Isolate the area and prevent access. Control source of the leak. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment (See Section 8). Prevent the spill spread into drains, sewers, water supplies, or soil. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

Methods and materials for containment and cleaning up

Avoid prolonged exposure. Stop leak if you can do it without risk. Spill should be contained with inert material and disposed into suitable retaining area. Do not touch or walk through spilled material. Small volumes of liquid may be contained or absorbed into an appropriate absorbent. Keep away from all watercourses. Do not flush down storm or sanitary sewer. Take precautionary measures against static discharges. Dispose of in accordance with local, provincial and federal regulations.

Section 7. Handling and Storage

Precautions for safe handling

Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands/nails/face/eyes thoroughly after handling. Do not touch eyes. Do not eat, drink or smoke when using this product. Use only outdoors or in a well ventilated area. Contaminated work clothing should not be allowed out of workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/ face protection.

Conditions for safe storage, including any incompatibilities

Store in a cool, well-ventilated area. Keep container closed when not in use. Do not handle or store near open flames, heat or other sources of ignition. Store away from incompatible materials (Section 10). Inspect all incoming containers to make sure they are properly labelled and not damaged. Storage area should be clearly identified, clear of obstruction and accessible only to trained personnel. Keep away from heat/hot surfaces/sparks/open flames and other ignition sources. Inspect periodically for damage or leaks. Storage temperature: 16 - 27 °C.

Section 8. Exposure Controls/Personal Protection

Control parameters (biological limit values or exposure limit values and source of those values)

Exposure limits: ACGIH – TLV Not available

Appropriate engineering controls

Use product in well-ventilated areas. Do not spray the product. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits. Supply emergency safety/quick-drench shower, eyewash station and washing facilities available in work area and near handling area. Where such systems are not effective, wear suitable personal protection equipment which performs satisfactorily and meets recognized standards.

Individual protection measures/personal protective equipment

Gloves: Neopren gloves or equivalent; Clothing: Shirts with long sleeves, long pants; Respiratory: Use a NIOSH approved respirators if the exposure limits are unknown; Equipment: Safety glasses, chemical resistant. Special instructions for protection and hygiene: Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use. Educate and train employees in the safe use and handling of this product. Follow all label instructions.

Section 9. Physical and Chemical Properties

Appearance, physical state/colour	Liquid	**Vapour pressure**	Not available
Odour	Faint odor	**Vapour density**	Not available
Odour threshold	Not available	**Relative density**	Not available
pH	Not available	**Solubility**	Not soluble
Melting/freezing point	Not available	**Partition coefficient - n-octanol/water**	Not available
Initial boiling point/range	Not available	**Auto-ignition temperature**	Not available
Flash point	>100^{O}C	**Decomposition temperature**	Not available
Evaporation rate	Not available	**Viscosity**	Not available

Flammability (solids and gases)	Not available	**VOC**	Not available
Upper and lower flammability/explosive limits	Not available	**Other**	None known

Section 10. Stability and Reactivity

Reactivity

Stable under normal conditions.

Chemical stability

Yes, Stable under the recommended storage and handling conditions prescribed.

Possibility of hazardous reactions

Non under normal conditions of storage and use.

Conditions to avoid (static discharge, shock or vibration)

Excess heat.

Incompatible materials

Acids, bases, oxidizing agents.

Hazardous decomposition products

Carbon oxides.

Section 11. Toxicological Information

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)

Harmful if swallowed, in contact with skin or if inhaled. Causes Skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact may cause serious irritation. May cause an allergic skin reaction.

Delayed and immediate effects (chronic effects from short-term and long-term exposure)

Skin Sensitization – Cause skin irritation. Respiratory Sensitization – No data available; Germ Cell Mutagenicity – No data available; Carcinogenicity – Not available; Reproductive Toxicity – No data available; Specific Target Organ Toxicity — Single Exposure – No data available; Specific Target Organ Toxicity — Repeated Exposure – No data available; Aspiration Hazard – No data available; Health Hazards Not Otherwise Classified – No data available.

Numerical measures of toxicity (ATE; LD_{50} & LC_{50})

CAS 25068-38-6 LD_{50} Oral - Rat - > 1000 mg/kg; LD_{50} Dermal – Rabbit – >2000 mg/kg; LC_{50} Inhalation – Not available;
CAS 2425-79-8 LD_{50} Oral – Rat-male 1,118 mg/kg; LD_{50} Dermal Rat-male and female > 1,250 mg/kg ; LC_{50} Inhalation Not available; ATE not available in this document.

Section 12. Ecological Information

Ecotoxicity (aquatic and terrestrial information)

Toxicity to fish CAS: 25068-38-6 LC_{50}: 1.41 mg/l (Oryzias latipes) 96h; CAS 2425-79-8 LC_{50} 24mg/l Danio rerio (zebra fish) 96h;
Toxicity to Aquatic Invertebrates: CAS: 25068-38-6 EC_{50}: 1.7 mg/l (Crustaceans) 48h; CAS 2425-79-8 EC_{50} 75 mg/l (Water flea (Daphnia magna) 48h;
Toxicity to Aquatic Plants: CAS 2425-79-8 EC_{50} > 160 mg/l (Pseudokirchneriella subcapitata) 72h;
Toxicity to Bacteria: Not available

Persistence and degradability	CAS: 25068-38-6: Log Kow = 2.821 estimates; CAS 2425-79-8 aerobic - Exposure time 28 d Result: 38 % - Not readily biodegradable.
Bioaccumulative potential	CAS: 25068-38-6: BCF = 0.56 ~ 0.67 (Exposure concentrations:10ug/l, 5.6<= BCF=<6.8(Exposure concentrations:1ug/l)). Biodegradability = 0 (%) 28 day.
Mobility in soil	Not available.
Other adverse effects	Toxic to aquatic life with long lasting effects

Section 13. Disposal Considerations

Information on safe handling for disposal/methods of disposal/contaminated packaging

Dispose of contents/container into safe container in accordance with local, regional or national regulations.

Section 14. Transport Information

UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations

UN 3082; ENVIRONMENTAL HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (Résine Époxy Liquide); CLASS: 9; PG: III

UN number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime)

UN 3082; ENVIRONMENTAL HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (Résine Époxy Liquide); CLASS: 9; PG: III

UN number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air)

UN 3082; ENVIRONMENTAL HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (Résine Époxy Liquide); CLASS: 9; PG: III

Special precautions (transport/conveyance)	None
Environmental hazards (IMDG or other)	Epoxy resin
Bulk transport (usually more than 450 L in capacity)	None

Section 15. Regulatory Information

Safety/health Canadian regulations specifics	This product has been classified in accordance with the hazard criteria of the Hazardous Products

	Regulations (HPR).
Environmental Canadian regulations specifics	Refer to Section 3 for ingredient(s) of the DSL
Safety/health/environmental outside regulations specifics	
United States OSHA information: This product is regulated according to OSHA (29 CFR). California Proposition 65: This product does not contain an ingredient known to the State of California to cause cancer or other reproductive harm. United States EPA (Environmental Protection Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14. United States TCSA information: Refer to the ingredients listed in Section 3.	

Section 16. Other Information

Date of the latest revision of the safety data sheet	November 13, 2022 - version 01
References	Safety Data Sheets from manufacturer/supplier & from Sigma-Aldrich.com & Echa.eurpea.eu
Abbreviations	
ACGIH	American Conference of Governmental Industrial Hygienists
ATE	Acute toxicity estimate
CAS	Chemical Abstract Service
DSL	Domestic Substance List
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
LC	Lethal concentration
LD	Lethal Dosage
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
STEL	Short-term Exposure Limit
TDG	Transport of dangerous goods in Canada
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
WHMIS	Workplace Hazardous Materials Information System

SAFETY DATA SHEET (SDS)

Section 1. Identification

Product identifier	LABPOX LV, Part B
Other means of identification	LPLV-B
Recommended use and restrictions on use	Floor Coating
Initial supplier identifier	LabSurface. 101-1079 des Forges, Terrebonne, J6Y 0J9, Qué (Canada) Tél. (450) 966-9000
Emergency telephone number/restriction on use	Canada – CANUTEC Number 24 hours 613-996-6666

Section 2. Hazard Identification

Classification of hazardous product (name of the category or subcategory of the hazard class)

Acute toxicity, oral (Category 4)
Acute toxicity, dermal (Category 4)
Acute toxicity, inhalation (Category 4)
Skin corrosion/irritation (Category 1)
Skin sensitisation (Category 1)
Specific target organ toxicity, repeated exposure (Category 2)
Hazardous to the aquatic environment, acute hazard (Category 2)
Hazardous to the aquatic environment, long-term hazard (Category 2)

Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)

Warning

H302 Harmful if swallowed.
H312 Harmful if in contact with skin.
H332 Harmful if inhaled.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H373 May cause damage to organs through prolonged or repeated exposure
H401 Toxic to aquatic life
H411 Toxic to aquatic life with long lasting effects

Prevention

P260 + P261 Do not/avoid breathing dust/fume/gas/mist/vapors/spray. P264 Wash hands/nails/face/eyes thoroughly after handling. P265 Do not touch eyes. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well ventilated area. P272 Contaminated work clothing should not be allowed out of workplace. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/ face protection.

Response

IF SWALLOWED P301+ P317 Get emergency medical help. P330 Rinse mouth. P331 Do NOT induce vomiting
IF ON SKIN: P302+P352 Wash with plenty of water P361 Take off immediately all contaminated clothing. P363 Wash contaminated clothing before reuse.
IF INHALED: P304 + P340 Remove person to fresh air and keep comfortable for breathing. P316 Get emergency medical help immediately.
IF IN EYES: P305+P354+P338 Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P391 Collect spillage

Storage
P405 Store locked up

Disposal
P501 Dispose of contents/container into safe container in accordance with local, regional or national regulations.

Other hazards known	None

Section 3. Composition/Information on Ingredients

Chemical name (common name/synonyms)	CAS number or other	Concentration (%)*
Polyetheramine	9046-10-0	40 - 70 %
4,4'-Diaminodicyclohexyl methane	1761-71-3	5 - 20 %
Resin epoxy liquid	25068-38-6	5 - 15 %
Benzyl Alcohol	100-51-6	5 - 25 %
Trade Secret	-----	1 – 10 %

*Statement - This safety data sheet provides concentration range(s) instead of the actual concentration(s) considered trade secret(s)

Section 4. First-Aid Measures

Inhalation	IF INHALED: If overexposure remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration or give oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If symptoms persist, seek medical attention. Give artificial respiration ONLY if breathing has stopped.
Ingestion	IF SWALLOWED: Immediately call a doctor. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomits. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Do not use mouth-to-mouth method if victim ingested the substance.
Skin contact	IF ON SKIN: Remove contaminated clothing, wash immediately with soap and water (20 - 30 minutes). If symptoms persist, seek medical attention. Wash contaminated clothing before reuse. Discard items which cannot be decontaminated, including leather articles such as shoes, belts and watchbands.
Eye contact	IF IN EYES, Rinse cautiously with water for several minutes (20 - 30 minutes). Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Most important symptoms and effects (acute or delayed)	Harmful if swallowed, in contact with skin or inhaled. Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure.
Indication of immediate medical attention/special treatment	In all cases, call a doctor. Do not forget this document.

Section 5. Fire-Fighting Measures

Specific hazards of the hazardous product (hazardous combustion products)

Smoke, oxides of carbon and fumes.

Suitable and unsuitable extinguishing media

In case of fire: Use carbon dioxide (CO_2), dry chemical, water and alcohol resistant foam.

Special protective equipment and precautions for fire-fighters

During a fire, irritating/toxic fumes may be generated. Do not enter fire area without proper protection. Firefighters should wear proper protective equipment as required.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Evacuate non-emergency personnel. Isolate the area and prevent access. Control source of the leak. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment (See Section 8). Prevent the spill spread into drains, sewers, water supplies, or soil. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

Methods and materials for containment and cleaning up

Avoid prolonged exposure. Stop leak if you can do it without risk. Spill should be contained with inert material and disposed into suitable retaining area. Do not touch or walk through spilled material. Small volumes of liquid may be contained or absorbed into an appropriate absorbent. Keep away from all watercourses. Do not flush down storm or sanitary sewer. Take precautionary measures against static discharges. Dispose of in accordance with local, provincial and federal regulations.

Section 7. Handling and Storage

Precautions for safe handling

Do not/avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands/nails/face/eyes thoroughly after handling. Do not touch eyes. Do not eat, drink or smoke when using this product. Use only outdoors or in a well ventilated area. Contaminated work clothing should not be allowed out of workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/ face protection.

Conditions for safe storage, including any incompatibilities

Store in a cool, well-ventilated area. Keep container closed when not in use. Do not handle or store near open flames, heat or other sources of ignition. Store away from incompatible materials (Section 10). Inspect all incoming containers to make sure they are properly labelled and not damaged. Storage area should be clearly identified, clear of obstruction and accessible only to trained personnel. Keep away from heat/hot surfaces/sparks/open flames and other ignition sources. Inspect periodically for damage or leaks.

Section 8. Exposure Controls/Personal Protection

Control parameters (biological limit values or exposure limit values and source of those values)

Exposure limits: ACGIH – TLV Not established

Appropriate engineering controls

Use product in well-ventilated areas. Do not spray the product. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits. Supply emergency safety/quick-drench shower, eyewash station and washing facilities available in work area and near handling area.

Where such systems are not effective, wear suitable personal protection equipment which performs satisfactorily and meets recognized standards.

Individual protection measures/personal protective equipment

Gloves: Neopren gloves or equivalent; Clothing: Shirts with long sleeves, long pants; Respiratory: Use a NIOSH approved respirators if the exposure limits are unknown; Equipment: Safety glasses, chemical resistant. Special instructions for protection and hygiene: Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use. Educate and train employees in the safe use and handling of this product. Follow all label instructions.

Section 9. Physical and Chemical Properties

Appearance, physical state/colour	Liquid	**Vapour pressure**	Not available
Odour	Faint odor	**Vapour density**	Not available
Odour threshold	Not available	**Relative density**	Not available
pH	Not available	**Solubility**	Not available
Melting/freezing point	Not available	**Partition coefficient - n-octanol/water**	Not available
Initial boiling point/range	Not available	**Auto-ignition temperature**	Not available
Flash point	>100^{O}C (212 ^{o}F)	**Decomposition temperature**	Not available
Evaporation rate	Not available	**Viscosity**	Not available
Flammability (solids and gases)	Not available	**VOC**	Not available
Upper and lower flammability/explosive limits	Not available	**Other**	None known

Section 10. Stability and Reactivity

Reactivity

Stable under normal conditions.

Chemical stability

Yes, Stable under the recommended storage and handling conditions prescribed.

Possibility of hazardous reactions

Non under normal conditions of storage and use.

Conditions to avoid (static discharge, shock or vibration)

Excess heat.

Incompatible materials

Acids, bases, amines, oxidizing agents.

Hazardous decomposition products

Carbon monoxides, dioxides, acids.

Section 11. Toxicological Information

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)

Harmful if swallowed, in contact with skin or inhaled. Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure.

Symptoms related to the physical, chemical and toxicological characteristics

Cough, shortness of breath, nausea and headaches.

Delayed and immediate effects (chronic effects from short-term and long-term exposure)

Skin Sensitization –Prolonged contact may cause skin irritation. Respiratory Sensitization – No data available; Germ Cell Mutagenicity – No data available; Carcinogenicity – No data available; Reproductive Toxicity – No data available; Specific Target Organ Toxicity — Single Exposure – No data available; Specific Target Organ Toxicity — Repeated Exposure – No data available; Aspiration Hazard – No data available; Health Hazards Not Otherwise Classified – No data available.

Numerical measures of toxicity (ATE; LD_{50} & LC_{50})

CAS 9046-10-0 LD_{50} Oral – Rat-(male and female) 2,885.3 mg/kg; LD_{50} Dermal – Rabbit-(male and female) 2,979.7 mg/kg; CAS 1761-71-3 LD_{50} Oral – Rat-(male and female) 380 mg/kg; CAS 25068-38-6 LD_{50} oral rat > 1000 mg/kg; LD_{50} Dermal – Rabbit >2000 mg/kg; CAS 100-51-6 LD_{50} Oral - Rat - 1,230 mg/kg; LD_{50} Dermal – Rabbit 2,000 mg/kg; LC_{50} Oral – Rat 8.8 mg/L 4h; ATE not available in this document.

Section 12. Ecological Information

Ecotoxicity (aquatic and terrestrial information)

Toxicity to fish: CAS 9046-10-0 LC_{50} 772.14 mg/l (Oncorhynchus mykiss (rainbow trout)), 96h; CAS 1761-71-3 LC_{50} 67,8 mg/l Leuciscus idus (Golden orfe), 96h; CAS: 25068-38-6 LC_{50}: 1,41 mg/l (Oryzias latipes) 96h; CAS 100-51-6 LC_{50}: 10 mg/l Lepomis macrochirus (Bluegill) 96h;
Toxicity to Aquatic Invertebrates: CAS 9046-10-0 EC_{50} 80 mg/l (Water flea (Daphnia magna) 48h); CAS 1761-71-3 EC_{50} 9,24 mg/l (Water flea (Daphnia magna) 48; CAS: 25068-38-6 EC_{50}: 1.7 mg/l (Crustaceans) 48h; CAS 100-51-6 LC_{50}: 55 mg/l (Water flea (Daphnia magna) 24h;
Toxicity to Aquatic Plants: CAS 9046-10-0 ErC_{50} 15 mg/l (Selenastrum capricornutum (green algae)) 72h ; CAS 1761-71-3 ErC_{50} 140-200 mg/l (Desmodesmus subspicatus (green algae)) 72h;
Toxicity to Bacteria CAS 1761-71-3 EC_{50} 156 mg/l Pseudomonas putida 0,5h.

Persistence and degradability	CAS: 25068-38-6: Log Kow = 2.821 estimates; CAS: 100-51-6 Biodegralibity Biotic/Aerobic – Exposure time 28 d Result: 92-96% - Readily biodegradable.
Bioaccumulative potential	CAS: 25068-38-6: BCF = 0.56 ~ 0.67 (Exposure concentrations:10ug/l, 5.6<= BCF=<6.8(Exposure concentrations:1ug/l)). Biodegradability = 0 (%) 28 day.
Mobility in soil	No information found

Other adverse effects	Toxic to aquatic life with long lasting effects.

Section 13. Disposal Considerations

Information on safe handling for disposal/methods of disposal/contaminated packaging

Dispose of contents/container into safe container in accordance with local, regional or national regulations.

Section 14. Transport Information

UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations

UN 2735; POLYAMINES, LIQUID, CORROSIVE, N.O.S. (Polyetheramine ; 4,4'-Diaminodicyclohexyl methane; CLASS: 8; PG: III.

UN number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime)

UN 2735; POLYAMINES, LIQUID, CORROSIVE, N.O.S. (Polyetheramine ; 4,4'-Diaminodicyclohexyl methane; CLASS: 8; PG: III.

UN number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air)

UN 2735; POLYAMINES, LIQUID, CORROSIVE, N.O.S. (Polyetheramine ; 4,4'-Diaminodicyclohexyl methane; CLASS: 8; PG: III.

Special precautions (transport/conveyance)	May also be shipped as a LIMITED QUANTITY in accordance with TDG.
Environmental hazards (IMDG or other)	Pollutant Marine
Bulk transport (usually more than 450 L in capacity)	None

Section 15. Regulatory Information

Safety/health Canadian regulations specifics	This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).
Environmental Canadian regulations specifics	Refer to Section 3 for ingredient(s) of the DSL

Safety/health/environmental outside regulations specifics

United States OSHA information: This product is regulated according to OSHA (29 CFR).
California Proposition 65: This product does not contain an ingredient known to the State of California to cause cancer or other reproductive harm.
United States EPA (Environmental Protection Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14.
United States TCSA information: Refer to the ingredients listed in Section 3.

Section 16. Other Information

Date of the latest revision of the safety data sheet	November 13, 2022 - version 01
References	Safety Data Sheets from manufacturer/supplier & from Sigma-Aldrich.com & Echa.eurpea.eu
Abbreviations	

ACGIH	American Conference of Governmental Industrial Hygienists
ATE	Acute toxicity estimate
CAS	Chemical Abstract Service
DSL	Domestic Substance List
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
LC	Lethal concentration
LD	Lethal Dosage
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
STEL	Short-term Exposure Limit
TDG	Transport of dangerous goods in Canada
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
WHMIS	Workplace Hazardous Materials Information System