

# SAFETY DATA SHEET (SDS)

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Section 1. Identification		
Product identifier LABPOX LV 3D UV, Part A		
Other means of identification LPLV3D-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)		
Flammable liquids (Category 3)		
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/irritation (Category 1)		
Specific target organ toxicity, repeated exposure (Category 1)		
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		
H226 Flammable liquid and vapour		
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.		
1318 Causes serious eye damage.		

H318 Causes serious eye damage.

H372 Causes damage to organs through prolonged or repeated exposure

H411 Toxic to aquatic life with long lasting effects.

#### Prevention

P210 Keep away from heat, hot surface, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof - electrical/ventilating/lighting/equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fume/gas/mist/vapors/spray. P264 Wash hands/nails/face/eyes thoroughly after handling. P265 Do not touches eyes. P270 Do not eats, 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 + P316 Get emergency medical help immediately. P331 Do not induces vomiting. P330 Rinse mouth. IF ON SKIN: P303+P361+P353 Take off Immediately all contaminated clothing. Immediately rinse with water for several minutes. P302 + P352 Wash with plenty of water. 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 + P354 + P338 Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P317 Get emergency medical help.

IN CASE OF FIRE: P370 + P378 Use manufacturer/supplier or the competent authority to specify appropriate media. P391 Collect spillage

#### Storage

P403 + P235 Store in a well-ventilated place. Keep cool.

#### Disposal

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

Other hazards known None



Chemical name		uon/Informatio	n on Ingredients	
Chemieur nullit	e (common name/synonyms)		CAS number or other	Concentration (%)*
Polymère en Bis	phénol A / Epichlorohydrine		25068-38-6	30 -70 %
Other product			N.A.	1 - 10 %
Other product			N.A.	1 - 10 %
	diylbis(oxymethykene)bis[oxirane]		2425-79-8	5-20%
*Statement - This safety data sheet provides concentration range(s) instead				
Butement In		4. First-Aid Mea		
T 1 1 4				
Inhalation	IF INHALED: If overexposure remove person			
	respiration or give oxygen by trained personne	el. If symptoms per	sist, seek medical attention. G	ive artificial respiration ONLY
	if breathing has stopped.			
Ingestion	IF SWALLOWED: Call a doctor if you feel up			
	to avoid breathing in of vomits. Rinse mouth t			outh to an unconscious person.
	Do not use mouth-to-mouth method if victim ingested the substance.			
Skin contact	IF ON SKIN: Remove contaminated clothing			0 minutes). If symptoms persis
seek medical attention. Wash contaminated clothing before reuse.				
Eye contact	IF IN EYES, Rinse cautiously with water for	several minutes (2	0 - 30 minutes). Remove cont	act lenses, if present and easy t
-	do. Continue rinsing. If eye irritation persists:	Get medical attent	on.	
Most important	t symptoms and effects (acute or delayed)		wed. Harmful if in contact wi	th skin. Harmful if inhaled.
				kin reaction. Causes serious ey
			lamage to organs through prol	
Indication of in	mediate medical attention/special treatment		doctor. Do not forget this doc	
<u>Indication of m</u>		Fire-Fighting M	2	
Specific horord	s of the hazardous product (hazardous combus		leasures	
		stion products)		
Carbon oxides, o				
	suitable extinguishing media			
	se carbon dioxide (CO2), dry powder, regular foa		gent.	
	ve equipment and precautions for fire-fighters			
During a fire, irr	itating/toxic fumes may be generated. Do not enter	er fire area withou	proper protection. Firefighter	rs should wear proper protective
equipment as req	uired.			
	Section 6. Ac	cidental Release	e Measures	
Personal preca	itions, protective equipment and emergency p	rocedures		
Evacuate non-er	nergency personnel. Isolate the area and prever	nt access. Control	source of the leak. Ensure c	lean-up is conducted by traine
	nergency personnel. Isolate the area and prever All persons dealing with clean-up should wear th			
personnel only.	All persons dealing with clean-up should wear th	ne appropriate prot	ective equipment (See Section	8). Prevent the spill spread into
personnel only. drains, sewers, v	All persons dealing with clean-up should wear the vater supplies, or soil. Eliminate all ignition source	ne appropriate prot ces (no smoking, f	ective equipment (See Section lares, sparks or flames in imm	8). Prevent the spill spread into
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personnel only. drains, sewers, v when handling t Methods and m Avoid prolonged area. Do not toud from all waterco with local, provin Precautions for Keep away fron container and precautionary m handling. Do no work clothing s protection/ face Conditions for Store in a cool, ignition. Store a damaged. Stora, surfaces/sparks/ Control param	All persons dealing with clean-up should wear the vater supplies, or soil. Eliminate all ignition source the product must be grounded. Do not touch or was aterials for containment and cleaning up a exposure. Stop leak if you can do it without risk the or walk through spilled material. Small volumes urses. Do not flush down storm or sanitary sewer to the form of the spilled material. Small volumes and federal regulations.  Section 7. Safe handling The text of the spirit of t	he appropriate prot ces (no smoking, f alk through spilled . Spill should be c s of liquid may be the recautional . Handling and s er ignition sources electrical/ventilati g dust/fume/gas/m using this product. id release to the en not in use. Do n Inspect all incomin bstruction and acce eriodically for dam	ective equipment (See Section lares, sparks or flames in imm material. ontained with inert material an contained or absorbed into an a ry measures against static disc. Storage a. No smoking. Keep contain ng/lighting/equipment. Use of ist/vapors/spray. Wash hands Use only outdoors or in a well environment. Wear protective not handle or store near open ng containers to make sure the essible only to trained perso age or leaks. Storage temperat conal Protection	8). Prevent the spill spread inter- ediate area). All equipment use d disposed into suitable retainin appropriate absorbent. Keep awa harges. Dispose of in accordance ner tightly closed. Ground/bon only non-sparking tools. Tak /nails/face/eyes thoroughly after ll ventilated area. Contaminate e gloves/protective clothing/ey flames, heat or other sources of ey are properly labelled and no nnel. Keep away from heat/ho
personnel only. drains, sewers, v when handling t Methods and m Avoid prolonged area. Do not toud from all waterco with local, provin Precautions for Keep away fron container and precautionary m handling. Do no work clothing s protection/ face Conditions for Store in a cool, ignition. Store a damaged. Stora; surfaces/sparks// Control param.	All persons dealing with clean-up should wear the vater supplies, or soil. Eliminate all ignition source the product must be grounded. Do not touch or was aterials for containment and cleaning up a exposure. Stop leak if you can do it without risk the or walk through spilled material. Small volumes urses. Do not flush down storm or sanitary sewer need and federal regulations.  Section 7. Safe handling In heat, hot surface, sparks, open flames and oth receiving equipment. Use explosion-proof - easures against static discharge. Avoid breathin t touch eyes. Do not eats, drink or smoke when us should not be allowed out of workplace. Avoid protection.  Safe storage, including any incompatibilities well-ventilated area. Keep container closed whe way from incompatible materials (Section 10). If ge area should be clearly identified, clear of of open flames and other ignition sources. Inspect per Section 8. Exposure ters (biological limit values or exposure limit ACGIH – TLV Not available.	he appropriate prot ces (no smoking, f alk through spilled . Spill should be c s of liquid may be the recautional . Handling and s er ignition sources electrical/ventilati g dust/fume/gas/m using this product. id release to the en not in use. Do n Inspect all incomin bstruction and acce eriodically for dam	ective equipment (See Section lares, sparks or flames in imm material. ontained with inert material an contained or absorbed into an a ry measures against static disc. Storage a. No smoking. Keep contain ng/lighting/equipment. Use of ist/vapors/spray. Wash hands Use only outdoors or in a well environment. Wear protective not handle or store near open ng containers to make sure the essible only to trained perso age or leaks. Storage temperat conal Protection	8). Prevent the spill spread int ediate area). All equipment use d disposed into suitable retainin ppropriate absorbent. Keep awa harges. Dispose of in accordance er tightly closed. Ground/bon only non-sparking tools. Tak /nails/face/eyes thoroughly afte ll ventilated area. Contaminate e gloves/protective clothing/ey flames, heat or other sources of ey are properly labelled and no nnel. Keep away from heat/ho
personnel only. drains, sewers, v when handling t Methods and m Avoid prolonged area. Do not toud from all waterco with local, provin Precautions for Keep away fron container and precautionary m handling. Do no work clothing s protection/ face Conditions for Store in a cool, ignition. Store a damaged. Stora, surfaces/sparks/ Control param Exposure limits: Appropriate en	All persons dealing with clean-up should wear the vater supplies, or soil. Eliminate all ignition source he product must be grounded. Do not touch or wase the product must be grounded. Do not touch or wase aterials for containment and cleaning up a exposure. Stop leak if you can do it without risk the or walk through spilled material. Small volumes urses. Do not flush down storm or sanitary sewer head and federal regulations. Section 7. Safe handling an heat, hot surface, sparks, open flames and oth receiving equipment. Use explosion-proof - easures against static discharge. Avoid breathin t touch eyes. Do not eats, drink or smoke when us should not be allowed out of workplace. Avoid protection. Safe storage, including any incompatibilities well-ventilated area. Keep container closed whe way from incompatible materials (Section 10). I ge area should be clearly identified, clear of ol open flames and other ignition sources. Inspect per Section 8. Exposure ters (biological limit values or exposure limit ACGIH – TLV Not available.	he appropriate prot ces (no smoking, f alk through spilled b. Spill should be c s of liquid may be the recautiona <b>. Handling and S</b> er ignition sources electrical/ventilati g dust/fume/gas/m using this product. id release to the en not in use. Do n Inspect all incomin bstruction and acc eriodically for dam re Controls/Persy	ective equipment (See Section lares, sparks or flames in imm material. ontained with inert material an contained or absorbed into an a ry measures against static disc Storage a. No smoking. Keep contain ng/lighting/equipment. Use of ist/vapors/spray. Wash hands Use only outdoors or in a well environment. Wear protective not handle or store near open ng containers to make sure the essible only to trained perso age or leaks. Storage temperat conal Protection of those values)	8). Prevent the spill spread interediate area). All equipment use diate area). All equipment use diate area). All equipment use diate area). All equipment use disposed into suitable retainin appropriate absorbent. Keep awa harges. Dispose of in accordance dispose
personnel only. drains, sewers, v when handling t Methods and m Avoid prolonged area. Do not toue from all waterco with local, provin Precautions for Keep away fron container and precautionary m handling. Do no work clothing s protection/ face Conditions for Store in a cool, ignition. Store a damaged. Stora; surfaces/sparks// Control param. Exposure limits: Appropriate en	All persons dealing with clean-up should wear the vater supplies, or soil. Eliminate all ignition source the product must be grounded. Do not touch or was aterials for containment and cleaning up a exposure. Stop leak if you can do it without risk the or walk through spilled material. Small volumes urses. Do not flush down storm or sanitary sewer need and federal regulations.  Section 7. Safe handling In heat, hot surface, sparks, open flames and oth receiving equipment. Use explosion-proof - easures against static discharge. Avoid breathin t touch eyes. Do not eats, drink or smoke when us should not be allowed out of workplace. Avoid protection.  Safe storage, including any incompatibilities well-ventilated area. Keep container closed whe way from incompatible materials (Section 10). If ge area should be clearly identified, clear of of open flames and other ignition sources. Inspect per Section 8. Exposure ters (biological limit values or exposure limit ACGIH – TLV Not available.	he appropriate prot ces (no smoking, f alk through spilled . Spill should be c s of liquid may be . Take precautiona . Handling and s er ignition sources electrical/ventilati g dust/fume/gas/m using this product. id release to the en not in use. Do n Inspect all incomin bstruction and acc eriodically for dam re Controls/Pers values and sources	ective equipment (See Section lares, sparks or flames in imm material. ontained with inert material an contained or absorbed into an a ry measures against static disc <b>Storage</b> a. No smoking. Keep contain ng/lighting/equipment. Use of ist/vapors/spray. Wash hands Use only outdoors or in a well environment. Wear protective not handle or store near open ng containers to make sure the essible only to trained perso age or leaks. Storage temperat <b>conal Protection</b> of those values)	8). Prevent the spill spread interediate area). All equipment use diate area borner. Keep awa harges. Dispose of in accordance distribution only non-sparking tools. Tak /nails/face/eyes thoroughly after area. Contaminate e gloves/protective clothing/ey flames, heat or other sources of ey are properly labelled and no nnel. Keep away from heat/houre: 16 - 27 °C.



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: Face shield and safety glasses, chemical resistant. Special instructions for protection and hygiene:			
Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke			
this material. Remove and wash contaminated work clothing before re-use. E	Educate and train empl	oyees 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 Not available	Vapour density	Not available	
Odour threshold Not available	Relative density Not available		
<b>pH</b> Not available	Solubility Not soluble		
elting/freezing point Not available Partition coefficient - n-octanol/water Not available			
Initial boiling point/range Not available	Auto-ignition temperature         Not available		
Flash point Not available	Decomposition temperature         Not available		
Evaporation rate Not available	Viscosity Not available		
Flammability (solids and gases)         Not available	VISCOSITY NOT AVAILABLE VOC Not available		
Upper and lower flammability/explosive limits Not available	Other None kno		
Section 10. Stability		WII	
	and Reactivity		
Reactivity			
Stable under normal conditions.			
Chemical stability			
Yes, Stable under the recommended storage and handling conditions prescribed	d.		
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 a			
Harmful if swallowed. Harmful if in contact with skin. Harmful if inhaled		on. May cause an allergic skin reaction. Causes	
serious eye damage. Causes damage to organs through prolonged or repeated			
Symptoms related to the physical, chemical and toxicological characteris			
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 availa	ble; 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 <sub>50</sub> & LC <sub>50</sub> )			
CAS 25068-38-6 LD <sub>50</sub> Oral - Rat - 13,600 mg/kg; LD <sub>50</sub> Dermal – Not available; Inhalation – has not been determined; CAS 2425-79-8 LD <sub>50</sub>			
Oral – Rat (male and female) 1,163 mg/kg; $LD_{50}$ Dermal Rabbit 1,130 mg/kg; $LC_{50}$ Inhalation 11.1 mg/l, 4h vapor; ATE not available in this			
document.	5 kg , 1050 milanation		
Section 12. Ecological Information			
<b>Ecotoxicity (aquatic and terrestrial information)</b> <b>Toxicity to fish:</b> CAS 2425-79-8 LC <sub>50</sub> 24mg/l Danio rerio (zebra fish) 96h;			
Toxicity to Aquatic Invertebrates: Not available;			
Toxicity to Aquatic Plants: Not available;			
Toxicity to Bacteria: Not availbale.			
Persistence and degradability         CAS 2425-79-8 Aerobic – exposure time 28d-Result 43% - Not readily biodegradable.			
Bioaccumulative potential Not available			
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/contamination	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 D	roper shipping name; Class(es); Packing group (PG) of the TDG Regulations		
	IRONMENTAL HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (Polymère en Bisphénol A / Epichlorohydrine); CLASS: 9;		
PG: III			
UN number; Pi	roper shipping name; Class(es); Packing group (PG) of the IMDG (maritime)		
UN 3077; ENVI	RONMENTAL HAZARDOUS SUBSTANCES, LIQUID, N.O.S. Polymère en Bisphénol A / Epichlorohydrine; CLASS: 9; PG:		
III			
UN number; Pi	roper shipping name; Class(es); Packing group (PG) of the IATA (air)		
	RONMENTAL HAZARDOUS SUBSTANCES, LIQUID, N.O.S. Polymère en Bisphénol A / Epichlorohydrine; CLASS: 9; PG:		
III			
	tions (transport/conveyance) None		
	hazards (IMDG or other) None		
	(usually more than 450 L in capacity) None		
buik transport			
Sofoty/health O	Section 15. Regulatory Information           anadian regulations specifics         This product has been classified in accordance with the hazard criteria of the Hazardous Products		
Safety/nearth C			
<b>F</b>	Regulations (HPR).		
	Canadian regulations specifics Refer to Section 3 for ingredient(s) of the DSL		
	nvironmental outside regulations specifics		
	SHA information: This product is regulated according to OSHA (29 CFR).		
-	osition 65: This product does not contain an ingredient known to the State of California to cause cancer or other reproductive		
harm.	A (Environmental Destaction A concer) information, 40 CED Defer to the incredients listed in Section 2 & Sections 12: 12 & 14		
	PA (Environmental Protection Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14. CSA information: Refer to the ingredients listed in Section 3.		
United States TC			
	Section 16. Other Information		
	st revision of the safety data sheet March 01, 2024 - 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 IATA	International Agency for Research on Cancer		
IMDG	International Air Transport Association		
LC	International Maritime Dangerous Goods Code		
LC LD	Lethal Concentration		
NIOSH	Lethal Dosage National Institute for Occupational Safety and Health		
NTP	National Institute for Occupational Safety and Health		
OSHA	National Toxicology Program (U.S.A.)		
PEL	Occupational Safety and Health Administration (U.S.A.) Permissible Exposure Limit		
STEL	Permissible Exposure Limit		
TDG	Short-term Exposure Limit 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		
	bsurface expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product		
	by deletering and shall under no circumstances be liable for incidental or consequential damages. Users are responsible to verify whether the		
	for their particular purposes and they assume all risks of their use, handling, and disposal of the product.		



# SAFETY DATA SHEET (SDS)

Section 1. Identification		
Product identifier LABPOX LV UV, 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 %			5 - 20 %	
Resin epoxy liquid         25068-38-6         5 - 15 %			5 - 15 %	
Benzyl Alcohol			100-51-6	5 - 25 %
Other Product          1 – 10 %			$1 - 10 \ \%$	
*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 a	and keep comfortable for breathing. If	f 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			n to an unconscious person. Do
<b>G1</b> • • •	not use mouth-to-mouth method if victim inger			
Skin contact	IF ON SKIN: Remove contaminated clothing,			
	seek medical attention. Wash contaminated cl		e reuse. Discard items which canno	t be decontaminated, including
Eye contact	leather articles such as shoes, belts and watchb IF IN EYES, Rinse cautiously with water for s		tas (20, 20 minutas) Ramova conta	at langage if present and apply to
Eye contact	do. Continue rinsing. If eye irritation persists:			et tenses, il present and easy to
Most important	symptoms and effects (acute or delayed)		swallowed, in contact with skin or inl	haled Causes severe skin hurns
most important	symptoms and checks (deate of delayed)		mage. May cause an allergic skin r	
			ugh prolonged or repeated exposure.	
Indication of im	mediate medical attention/special treatment			iment.
			ng Measures	
Specific hazards	of the hazardous product (hazardous combus		0	
•	carbon and fumes.	•	·	
	uitable extinguishing media			
	se carbon dioxide (CO2), dry chemical, water and	d alcohol resi	stant foam.	
Special protectiv	e equipment and precautions for fire-fighters	5		
During a fire, irritating/toxic fumes may be generated. Do not enter fire area without proper protection. Firefighters should wear proper protective				
equipment as requ				
			elease Measures	
	tions, protective equipment and emergency pr			
	ergency personnel. Isolate the area and preven			
	Il persons dealing with clean-up should wear th			
	ater supplies, or soil. Eliminate all ignition source e product must be grounded. Do not touch or wa			unate area). All equipment used
		ik unougn sp		
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.				
	valk through spilled material. Small volumes of lie			
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				
	vell-ventilated area. Keep container closed whe			
	vay from incompatible materials (Section 10). I			
damaged. Storage area should be clearly identified, clear of obstruction and accessible only to trained personnel. Keep away from heat/hot				
surfaces/sparks/oj	pen flames and other ignition sources. Inspect pe			
Control norma			/Personal Protection	
	t <mark>ers (biological limit values or exposure limit v</mark> ACGIH – TLV Not established	values and S	ource or mose values)	
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.				



	ipment which performs satisfactorily and meets recognized standards.		
Where such systems are not effective, wear suitable personal protection equipment which performs satisfactorily and meets recognized standards. <b>Individual protection measures/personal protective equipment</b>			
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. Educ			
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		
<b>Flash point</b> $>100^{\circ}C (212 ^{\circ}F)$	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 prescribe			
Possibility of hazardous reactions	-041 		
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 characteri	istics		
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			
	y Sensitization – No data available; Germ Cell Mutagenicity – No data		
Skin Sensitization - Prolonged contact may cause skin irritation. Respiratory	y Sensitization – No data available; Germ Cell Mutagenicity – No data o data available; Specific Target Organ Toxicity — Single Exposure –		
Skin Sensitization – Prolonged contact may cause skin irritation. Respiratory available; Carcinogenicity – No data available; Reproductive Toxicity – No	y Sensitization – No data available; Germ Cell Mutagenicity – No data o data available; Specific Target Organ Toxicity — Single Exposure –		
Skin Sensitization –Prolonged contact may cause skin irritation. Respiratory available; Carcinogenicity – No data available; Reproductive Toxicity – No No data available; Specific Target Organ Toxicity — Repeated Exposure – N	y Sensitization – No data available; Germ Cell Mutagenicity – No data o data available; Specific Target Organ Toxicity — Single Exposure –		
Skin Sensitization –Prolonged contact may cause skin irritation. Respiratory available; Carcinogenicity – No data available; Reproductive Toxicity – No No data available; Specific Target Organ Toxicity — Repeated Exposure – N Not Otherwise Classified – No data available.	y Sensitization – No data available; Germ Cell Mutagenicity – No data o data available; Specific Target Organ Toxicity — Single Exposure – o data available; Aspiration Hazard – No data available; Health Hazards		
Skin Sensitization –Prolonged contact may cause skin irritation. Respiratory available; Carcinogenicity – No data available; Reproductive Toxicity – No Not data available; Specific Target Organ Toxicity — Repeated Exposure – Not Otherwise Classified – No data available.         Numerical measures of toxicity (ATE; LD <sub>50</sub> & LC <sub>50</sub> )         CAS 9046-10-0 LD <sub>50</sub> Oral – Rat-(male and female) 2,885.3 mg/kg; LD <sub>50</sub> Dral – Rat-(male and female) 380 mg/kg; CAS 25068-38-6 LD <sub>50</sub> oral rat >	y Sensitization – No data available; Germ Cell Mutagenicity – No data o data available; Specific Target Organ Toxicity — Single Exposure – lo data available; Aspiration Hazard – No data available; Health Hazards ermal – Rabbit-(male and female) 2,979.7 mg/kg; CAS 1761-71-3 LD <sub>50</sub> 1000 mg/kg; LD <sub>50</sub> Dermal – Rabbit >2000 mg/kg; CAS 100-51-6 LD <sub>50</sub>		
Skin Sensitization – Prolonged contact may cause skin irritation. Respiratory available; Carcinogenicity – No data available; Reproductive Toxicity – Ne No data available; Specific Target Organ Toxicity — Repeated Exposure – Ne Not Otherwise Classified – No data available.         Numerical measures of toxicity (ATE; LD <sub>50</sub> & LC <sub>50</sub> )         CAS 9046-10-0 LD <sub>50</sub> Oral – Rat-(male and female) 2,885.3 mg/kg; LD <sub>50</sub> Deroral – Rat-(male and female) 380 mg/kg; CAS 25068-38-6 LD <sub>50</sub> oral rat > Oral - Rat - 1,230 mg/kg; LD <sub>50</sub> Dermal – Rabbit 2,000 mg/kg; LC <sub>50</sub> Oral –	y Sensitization – No data available; Germ Cell Mutagenicity – No data o data available; Specific Target Organ Toxicity — Single Exposure – lo data available; Aspiration Hazard – No data available; Health Hazards ermal – Rabbit-(male and female) 2,979.7 mg/kg; CAS 1761-71-3 LD <sub>50</sub> 1000 mg/kg; LD <sub>50</sub> Dermal – Rabbit >2000 mg/kg; CAS 100-51-6 LD <sub>50</sub> Rat 8.8 mg/L 4h; ATE not available in this document.		
Skin Sensitization –Prolonged contact may cause skin irritation. Respiratory available; Carcinogenicity – No data available; Reproductive Toxicity – No No data available; Specific Target Organ Toxicity — Repeated Exposure – Not Otherwise Classified – No data available.         Numerical measures of toxicity (ATE; LD <sub>50</sub> & LC <sub>50</sub> )         CAS 9046-10-0 LD <sub>50</sub> Oral – Rat-(male and female) 2,885.3 mg/kg; LD <sub>50</sub> Dc         Oral – Rat-(male and female) 380 mg/kg; CAS 25068-38-6 LD <sub>50</sub> oral rat > Oral - Rat - 1,230 mg/kg; LD <sub>50</sub> Dermal – Rabbit 2,000 mg/kg; LC <sub>50</sub> Oral –         Section 12. Ecologic	y Sensitization – No data available; Germ Cell Mutagenicity – No data o data available; Specific Target Organ Toxicity — Single Exposure – lo data available; Aspiration Hazard – No data available; Health Hazards ermal – Rabbit-(male and female) 2,979.7 mg/kg; CAS 1761-71-3 LD <sub>50</sub> 1000 mg/kg; LD <sub>50</sub> Dermal – Rabbit >2000 mg/kg; CAS 100-51-6 LD <sub>50</sub> Rat 8.8 mg/L 4h; ATE not available in this document.		
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Other adverse effects	Toxic to aquatic life with lo	ng lasting effects	
Galer auverse encets	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 (tra	nsport/conveyance) May a	lso be shipped as a LIMITED QUANTITY in accordance with TDG.	
<b>Environmental hazards</b>	(IMDG or other) Polluta	ant Marine	
Bulk transport (usually	more than 450 L in capacity	) None	
• • •		ction 15. Regulatory Information	
Safety/health Canadian		product has been classified in accordance with the hazard criteria of the Hazardous Products	
		ulations (HPR).	
Environmental Canadia		fer to Section 3 for ingredient(s) of the DSL	
	ntal outside regulations spec		
		ated according to OSHA (29 CFR).	
		n an ingredient known to the State of California to cause cancer or other reproductive harm.	
		information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14.	
	mation: Refer to the ingredien		
	Ŭ	Section 16. Other Information	
Date of the latest revisio		November 13, 2022 - version 01	
	*	/supplier & from Sigma-Aldrich.com & Echa.eurpea.eu	
Abbreviations			
	an Conference of Government	tal Industrial Hygienists	
	oxicity estimate	an mausurar rij giomsts	
	al Abstract Service		
	Domestic Substance List		
	International Agency for Research on Cancer		
	International Agency for Research on Cancer International Air Transport Association		
	International Maritime Dangerous Goods Code		
	Lethal Dosage		
	National Toxicology Program (U.S.A.)		
	Occupational Safety and Health Administration (U.S.A.)		
	Permissible Exposure Limit		
	Short-term Exposure Limit		
	Transport of dangerous goods in Canada		
	Threshold Limit Value		
	Toxic Substances Control Act		
	Veighted Average		
		mplied warranties of merchantability and fitness for a particular purpose, with respect to the product or	
		s be liable for incidental or consequential damages. Users are responsible to verify whether the product	
		ks of their use, handling, and disposal of the product.	