SAFETY DATA SHEET

SECTION 01 - IDENTIFICATION

Product Identifier	UNIVERSAL INDICATOR
Other identification (Chemical name, Commercial name, Synonymous)	-
Product code	IS-0103
Chemical formula	Mélange
Molar weight	
Recommended use and Restrictions on use	For laboratory, school, commercial or industrial use. Not for medical or household use. Do not use for medical, food or household purposes.
Supplier	LABORATOIRE MAT 610, rue Adanac Québec Québec G1C 7B7 418-660-8666 Mon-Fri 8h-16h www.labmat.com labmat@labmat.com
Emergency phone	418-660-8666 Mon-Fri 8h-16h CENTRE ANTI-POISON DU QUÉBEC 800-463-5060
Date SDS	2026-10-26

SECTION 02 - HAZARDS IDENTIFICATION

WHIMS CANADA

- Flammable liquids - category 2
- Serious eye damage/eye irritation - Eye irritation - category 2
- Specific target organ toxicity - Single exposure - category 3

PICTOGRAMS



Signal Word

DANGER

Hazards statements (H)

- Highly flammable liquid and vapour
- Causes serious eye irritation
- May cause drowsiness or dizziness

Precautionary statements (P)

- Keep away from heat, sparks, open flames, hot surfaces. — No smoking.
- Keep container tightly closed.
- Ground and bond container and receiving equipment.
- Use explosion-proof equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Wear protective gloves (nitrile, butyle, neoprene), protective clothing and eye and face protection.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse with water.
- In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.
- Store in a well-ventilated place. Keep cool.
- Dispose of contents and container in accordance with local, regional and national regulations, or contact a specialist waste disposal company.
- Wash thoroughly after handling.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists get medical attention.
- Avoid breathing mists, gases, vapors and other fumes, or the product itself.
- Use only outdoors or in a well-ventilated area.
- IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
- Call a POISON CENTER or a doctor or if you feel unwell.
- Store in a well ventilated place. Keep container tightly closed.
- Store locked up.

Other dangers

NFPA (Risk: 0=No risk; 1=Slight; 2=Moderate; 3=Signifiant; 4=Extreme)

Health	1
Fire	3
Reactivity	0
Special danger	

SECTION 03 - COMPOSITION/INFORMATION ON INGREDIENTS

Composant	No. CAS	% Poids
Isopropanol	67-63-0	32%
Methanol	67-56-1	0.7%
Phenolphtalein	77-09-8	0.03%
Bromothymol blue sodium salt	34722-90-2	0.03%
Thymol blue sodium salt	62625-21-2	0.03%
Methyl red sodium salt	845-10-3	0.02%
Sodium hydroxide	1310-73-2	0.003%
Water	7732-18-5	67.6%

SECTION 04 - FIRST AID MEASURE

Eye contact Wash eyes with large amounts of water for at least 15 minutes while holding eyelids apart to rinse eyes. If irritation persists, seek medical attention.

Skin contact Wash skin with plenty of water for at least 15 minutes. Remove contaminated clothing. If irritation persists, seek medical attention.

Inhalation Move the unwell person to the fresh air. If breathing is difficult, give oxygen. Consult a physician.

Ingestion If the person is conscious, give water to drink. Never give anything by mouth to an unconscious person. Consult a physician.

Most important symptoms and effects (acute and delayed) Main symptoms of high exposure: Skin, eye and respiratory system irritation. Drowsiness. Dizziness. To our knowledge, the chemical, physical and toxicological properties have not been fully investigated. Ref. section 11.

Immediate medical attention and special treatment, if necessary Treat according to symptoms. Show this sheet to the attending physician.

SECTION 05 - FIREFIGHTING MEASURES

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media Do not use a jet of water.

Combustion products Hazardous combustion products formed under fire conditions: Carbon oxides.

Specific hazards of the dangerous product Highly concentrated vapors in the air can ignite or even explode if exposed to an intense ignition source. Keep the product and empty containers away from heat and ignition sources. May react violently with incompatible products (Ref Section 10).

Special protective equipment and precautions for firefighters Discard incompatible substances if this can be done without risk. Firefighters should be equipped with standard protective equipment, fireproof clothing, face mask, gloves, protective boots and, where appropriate, self-contained breathing apparatus.

SECTION 06 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency measures	Evacuate personnel to safe areas. Cut off all sources of ignition. Avoid the accumulation of charges electrostatic. Avoid breathing in vapours, spray mists or gases. Beware of vapors accumulating to form explosive concentrations. Vapours can accumulate in low-lying areas. When handling, wear appropriate safety equipment (reference Section 8 for protective equipment to be used). Ensure a good ventilation. Use NIOSH cartridge respiratory protection if necessary or for larger spills. Use anti-spark tools and anti-explosion equipment.
Methods and materials for containment and cleaning up	Absorb the product with sand or vermiculite. Dilute residues with water, clean and rinse. Dispose of residues in a container for disposal of hazardous materials. Discharge into the environment must be avoided.

SECTION 07 - HANDLING AND STORAGE

Conditions for safe storage	Use venting and electrical equipment that is grounded and does not produce ignition sources (sparks). Protect from the sun's rays. Keep container tightly closed and store away from heat, moisture, and incompatible products (ref. section 10).
Methods of handling	Avoid contact withh eyes, skin and clothing. Avoid ingestion and inhalation. Wear personal protective equipment (ref. section 8) when handling. Always ensure good ventilation. Apply the usual standard hygiene rules: Wash your hands after use. Do not eat or drink during use. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

SECTION 08 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace control parameters

Component	CAS-No.	Value
BROMOTHYMOL BLUE SODIUM SALT(SOLUBLE)	34722-90-2	No occupational exposure limits established by region-specific regulators - Quebec, Alberta, Ontario, British Columbia.

Component	CAS-No.	Value
THYMOL BLUE SODIUM SALT	62625-21-2	No occupational exposure limits established by region-specific regulators - Quebec, Alberta, Ontario, British Columbia.

Component	CAS-No.	Value
Phenolphtalein	77-09-8	No occupational exposure limits established by region-specific regulators - Quebec, Alberta, Ontario, British Columbia.

Component	CAS-No.	Value
METHYL RED (SODIUM SALT)	845-10-3	No occupational exposure limits established by region-specific regulators - Quebec, Alberta, Ontario, British Columbia.

Components	CAS-No.	Value	Control parameters	Basis
2-Propanol	67-63-0	TWAEV	200 ppm	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants
		STEV	400 ppm	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants
		TWA	200 ppm	Canada. British Columbia OEL
		STEL	400 ppm	Canada. British Columbia OEL
		TWAEV	200ppm	Canada. Ontario OELs
		STEV	400ppm	Canada. Ontario OELs
		STEL	400 ppm 984 mg/m3	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
		TWA	200 ppm 492 mg/m3	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
		TWA	200.000000 ppm	USA. ACGIH Threshold Limit Values (TLV)
		TWA	200 ppm	USA. ACGIH Threshold Limit Values (TLV)
		STEL	400 ppm	USA. ACGIH Threshold Limit Values (TLV)
		STEL	400.000000 ppm	USA. ACGIH Threshold Limit Values (TLV)

Components	CAS-No.	Value	Control parameters	Basis
Methanol	67-56-1	TWA	200.000000 ppm 262.000000 mg/m3	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
Remarks	Substance may be readily absorbed through intact skin			
		STEL	250.000000 ppm 328.000000 mg/m3	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
	Substance may be readily absorbed through intact skin			
		TWA	200.000000 ppm	Canada. British Columbia OEL
	Contributes significantly to the overall exposure by the skin route.			
		STEL	250.000000 ppm	Canada. British Columbia OEL
	Contributes significantly to the overall exposure by the skin route.			
		TWAEV	200.000000 ppm 262.000000 mg/m3	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants
	Skin (percutaneous)			
		STEV	250.000000 ppm 328.000000 mg/m3	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants
	Skin (percutaneous)			
		TWA	200.000000 ppm	USA. ACGIH Threshold Limit Values (TLV)
		STEL	250.000000 ppm	USA. ACGIH Threshold Limit Values (TLV)

Components	CAS-No.	Control parameters	Value	Basis
Sodium hydroxide	1310-73-2	C	2.000000 mg/m3	Canada. British Columbia OEL
		CEV	2.000000 mg/m3	Canada. Ontario OELs
		(c)	2.000000 mg/m3	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
		C	2mg/m3	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1:Permissible exposure values for airborne contaminants
Remarks	Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required. A substance which may not be recirculated.			
		C	2.000000 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
		C	2 mg/m3	USA. ACGIH Threshold Limit Values (TLV)

Data origin	RSST. Ontario Regulation 833. Worksafebc.com Alberta OELs.
Respiratory	If work under the hood is not possible, or if the permissible levels are exceeded, use NIOSH cartridge respiratory protection, or an air-supplied respirator.
Gloves	Handle with protective gloves. Suggested material: Nitrile. Butyl. Neoprene. The type, thickness and length of the glove must be chosen according to the use, the concentration of the product, as well as the duration of use. Replace gloves regularly for better protection.
Eyes	Safety goggles with safety shutters.
Shoes	Use safety shoes.
Clothes	Labcoat. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Engineering control	Use fan. Have safety showers and eyewash stations in the workplace in case of an emergency and a ventilation system to maintain the level of concentrations in the air below the exposure limit values.

SECTION 09 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid.
Color	Green.
Odour	Data not available.
Odour threshold	Data not available.
Melting point and freezing point	Data not available.
Boiling point	Data not available.
Flammability	Yes.
Lower flammable / Explosive limit	Data not available.
Upper flammable / Explosive limit	Data not available.
Flash point	Data not available.
Auto-ignition temperature	Data not available.
Decomposition temperature	Data not available.
pH	Not applicable.
Kinematic viscosity	Data not available.
Solubility	Data not available.
Partition coefficient water/n-octanol	Data not available.
Vapour pressure	Data not available.
Relative density	Data not available.
Vapour density	Data not available.
Particle characteristics	Not applicable.

SECTION 10 - STABILITY AND REACTIVITY

Reactivity	Flammable product, may ignite with source of ignition, if temperature above flash point. May ignite on contact with oxidants if heat and oxygen are present in sufficient quantities. May react violently with incompatible substances.
Chemical stability	Stable under recommended storage conditions. Sensitive to heat.
Possibility of hazardous reactions	Flammable liquid and vapours. Vapours can form explosive mixtures with air when heated. May react violently with incompatible substances.
Conditions to avoid	Avoid excessive heat. Heat, flames and sparks. Avoid the build-up of static electricity.
Incompatible materials	Strong oxidizers. Strong acids. Acid anhydrides. Aluminium. Chromium trioxide. Cobatl chloride. Halogens. Oleum. Potassium tert-butoxide. Heat and humidity.
Hazardous decomposition products	Carbon oxides.

SECTION 11 - TOXICOLOGICAL INFORMATION

UNIVERSAL INDICATOR

Routes of exposure	Ingestion, inhalation, skin and eye contact.
Acute exposition effects / symptoms:	By exposure route below.
- Eyes	Irritation. To our knowledge, the chemical, physical and toxicological properties have not been fully investigated.
- Skin	Irritation. To our knowledge, the chemical, physical and toxicological properties have not been fully investigated.
- Inhalation	Irritation of the mucous membranes and respiratory tract. Drowsiness. Dizziness. To our knowledge, the chemical, physical and toxicological properties have not been fully investigated.
Acute toxicity (Ingestion)	Mucous membrane irritation. To our knowledge, the chemical, physical and toxicological properties have not been fully investigated.
Chronic exposure effects / symptoms	To our knowledge, the chemical, physical and toxicological properties have not been fully investigated.
DL50 (specify species and route of entry)	ETA Mix (Estimated Acute Toxicity): LD50 Oral - Rat - >5000mg/kg. ETA Mix (Estimated Acute Toxicity): LD50 Dermal - Rabbit - >5000mg/kg.
CL50 (specify species and route of entry)	ETA Mix (Estimated Acute Toxicity) LC50 Inhalation - Rat - 4 h - 227mg/L.

BROMOTHYMOL BLUE SODIUM SALT(SOLUBLE)

Routes of exposure	Ingestion, inhalation, skin and eye contact.
Acute exposition effects / symptoms:	By exposure route below.
- Eyes	Irritation. To our knowledge, the chemical, physical and toxicological properties have not been fully investigated.
- Skin	Irritation. To our knowledge, the chemical, physical and toxicological properties have not been fully investigated.
- Inhalation	Irritation of the mucous membranes and respiratory tract. To our knowledge, the chemical, physical and toxicological properties have not been fully investigated.
Acute toxicity (Ingestion)	To our knowledge, the chemical, physical and toxicological properties have not been fully investigated.
Chronic exposure effects / symptoms	To our knowledge, the chemical, physical and toxicological properties have not been fully investigated.
DL50 (specify species and route of entry)	LD50 Oral - Data not available. LD50 Dermal - Data not available.
CL50 (specify species and route of entry)	LC50 Inhalation - Data not available.

THYMOL BLUE SODIUM SALT

Routes of exposure	Ingestion, inhalation, skin and eye contact.
Acute exposition effects / symptoms:	By exposure route below.
- Eyes	Irritation. To our knowledge, the chemical, physical and toxicological properties have not been fully investigated.
- Skin	Irritation. To our knowledge, the chemical, physical and toxicological properties have not been fully investigated.
- Inhalation	May irritate the respiratory system. To our knowledge, the chemical, physical and toxicological properties have not been fully investigated.
Acute toxicity (Ingestion)	Irritation of the esophagus and digestive tract. Mouth irritation. Mucous membrane irritation. To our knowledge, the chemical, physical and toxicological properties have not been fully investigated.
Chronic exposure effects / symptoms	To our knowledge, the chemical, physical and toxicological properties have not been fully investigated.
DL50 (specify species and route of entry)	LD50 Oral - Data not available. LD50 Dermal - Data not available.
CL50 (specify species and route of entry)	LC50 Inhalation - Data not available.

PHENOLPHTALEIN

Routes of exposure	Ingestion, inhalation, skin and eye contact.
Acute exposition effects / symptoms:	By exposure route below.
- Eyes	May cause severe eye irritation.
- Skin	Skin allergy. Irritation.
- Inhalation	Irritation of the mucous membranes and respiratory tract. Cough. Dyspnoea. Convulsions. Headaches. Dizziness. Nausea and vomiting.
Acute toxicity (Ingestion)	Pink staining of urine and feces. Disturbance of heart rhythm. Diarrhea. Nausea and vomiting. Abdominal pain. Muscular weakness.
Chronic exposure effects / symptoms	Abdominal pain. Diarrhea. Nausea and vomiting. Hypocalcemia. Electrolyte disorders. Weight loss. Muscle weakness. Dehydration. Electrolyte disorders. Hypokalemia. Acidosis (Excess acidity in the blood or body tissues). Decrease in visual acuity. Abdominal pain. Polydipsia. Cardiac arrhythmia. Malabsorption. Is recognized as a possible carcinogen for humans (class 2B) by IARC. Steatorrhea. Polyuria. Kidney damage. Nervous system damage.
DL50 (specify species and route of entry)	LD50 Oral - Data not available. LD50 Dermal - Data not available.
CL50 (specify species and route of entry)	LC50 Inhalation - Data not available.

METHYL RED (SODIUM SALT)

Routes of exposure	Ingestion, inhalation, skin and eye contact.
Acute exposition effects / symptoms:	By exposure route below.
- Eyes	Irritation. To our knowledge, the chemical, physical and toxicological properties have not been fully investigated.
- Skin	Irritation. To our knowledge, the chemical, physical and toxicological properties have not been fully investigated.
- Inhalation	Irritation of the mucous membranes and respiratory tract.
Acute toxicity (Ingestion)	To our knowledge, the chemical, physical and toxicological properties have not been fully investigated.
Chronic exposure effects / symptoms	To our knowledge, the chemical, physical and toxicological properties have not been fully investigated.
DL50 (specify species and route of entry)	LD50 Oral - Data not available. LD50 Dermal - Data not available.
CL50 (specify species and route of entry)	LC50 Inhalation - Data not available.

ISOPROPANOL

Routes of exposure	Ingestion, inhalation, skin and eye contact.
Acute exposition effects / symptoms:	By exposure route below.
- Eyes	Irritation. Inflammation of the conjunctiva.
- Skin	Irritation. Dermatitis.
- Inhalation	Irritation of the mucous membranes and respiratory tract. Cough. Dyspnoea. Headaches. Dizziness. Narcotic effects. Drowsiness. Incoordination. Paresthesia. Nystagmus. Hypotension. Cardiac arrest or respiratory. Coma. Can lead to death.
Acute toxicity (Ingestion)	Mucous membrane irritation. Narcotic effects. Liver and kidney damage. Abdominal pain. Cramps. Diarrhea. Headaches. Dizziness. Drowsiness. Confusion. Incoordination. Paresthesia. Nystagmus. Nausea and vomiting. Acetonuria. Ketosomia. Convulsions. Stupor. Hypotension. Cardiac arrest or respiratory. Coma. Can lead to death.
Chronic exposure effects / symptoms	Burning sensation. Dermatitis. Conjunctivitis. Narcotic effects. Liver and kidney damage. Chest pain. Cough. Dyspnoea. Laryngitis. Headache. Drowsiness. Confusion. Incoordination. Irritability. Blurred vision. Tremors. Sweating. Salivation. Weight loss. Loss of appetite. Nausea and vomiting.
DL50 (specify species and route of entry)	LD50 Oral - Rat - 5045 mg/kg. LD50 Dermal - Rabbit - 12870 mg/kg.
CL50 (specify species and route of entry)	LC50 Inhalation - Rat - 4 h - 72600 mg/m3 .

METHANOL

Routes of exposure	Ingestion, inhalation, skin and eye contact.
Acute exposition effects / symptoms:	By exposure route below.
- Eyes	Irritation.
- Skin	Irritation. Dermatitis.
- Inhalation	Irritation of the mucous membranes and respiratory tract. Narcotic effects. Chest pain. Cough. Dyspnoea. Headaches. Dizziness. Watery eyes. Paresthesia. Nystagmus. Drowsiness. Confusion. Nausea and vomiting.
Acute toxicity (Ingestion)	Mucous membrane irritation. Narcotic effects. Liver and kidney damage. Injury to the eyes. Abdominal pain. Cramps. Diarrhea. Headaches. Dizziness. Paresthesia. Nystagmus. Drowsiness. Incoordination. Acidosis. Nausea and vomiting. Convulsions. Hypotension. Respiratory collapse. Loss of consciousness. Coma. Can lead to death. Acute absorption can lead to: Blindness. Damage to the liver. Damage to the kidneys. Damage to the eyes. Damage to the heart. Damage to the central nervous system.
Chronic exposure effects / symptoms	Dizziness. Headache. Nausea. Visual troubles. Decrease in visual acuity. Liver damage. Kidney damage.
DL50 (specify species and route of entry)	LD50 Oral - Rat - 1187 mg/kg. LD50 Dermal - Rabbit - 15840 mg/kg.
CL50 (specify species and route of entry)	LC50 Inhalation - Rat - 4 h - 64000 ppm. LC50 Inhalation - Rat - 4 h - 115.9-130.7mg/L air.

SODIUM HYDROXIDE

Routes of exposure	Ingestion, inhalation, skin and eye contact.
Acute exposition effects / symptoms:	By exposure route below. The corrosive effect will outweigh the toxicity for the concentrated product.
- Eyes	Severe burns and destruction of ocular tissue that can lead to corneal ulceration and blindness.
- Skin	Causes skin burns.
- Inhalation	Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.
Acute toxicity (Ingestion)	Corrosion of the digestive tract. Bloody vomiting Diarrhea. Inflammation of the larynx. Possible perforation of the esophagus and stomach. Can lead to death.
Chronic exposure effects / symptoms	Burning sensation. Dermatitis. Conjunctivitis. Lung damage. Eye damage. Nervous disorders. Chest pain. Dyspnoea. Laryngitis. Headache. Confusion. Irritability. Salivation. Sweating. Fatigue. Tearing. Alopecia. Weight loss. Loss of appetite. Convulsions. Nausea and vomiting.
DL50 (specify species and route of entry)	LD50 Oral - Rat - 140mg/kg. LD50 Dermal - Rabbit - 1350mg/kg.
CL50 (specify species and route of entry)	LC50 Inhalation - Data not available.

SECTION 12 - ECOLOGICAL INFORMATION

UNIVERSAL INDICATOR

Ecotoxicity	Data not available.
Persistence and degradability	Data not available.
Bioaccumulative potential	Data not available.
Mobility in soil	Data not available.
Other adverse effects	Data not available.

BROMOTHYMOL BLUE SODIUM SALT(SOLUBLE)

Ecotoxicity	Data not available.
Persistence and degradability	Data not available.
Bioaccumulative potential	Data not available.
Mobility in soil	Probable mobility in the environment due to its solubility in water.
Other adverse effects	Data not available.

THYMOL BLUE SODIUM SALT

Ecotoxicity	Data not available.
Persistence and degradability	Data not available.
Bioaccumulative potential	Data not available.
Mobility in soil	Data not available.
Other adverse effects	Data not available.

PHENOLPHTALEIN

Ecotoxicity	Data not available.
Persistence and degradability	Biodegradability aerobic - Result: 76%. Readily biodegradable
Bioaccumulative potential	Data not available.
Mobility in soil	Data not available.
Other adverse effects	Data not available.

METHYL RED (SODIUM SALT)

Ecotoxicity	Data not available.
Persistence and degradability	Data not available.
Bioaccumulative potential	Data not available.
Mobility in soil	Data not available.
Other adverse effects	Data not available.

ISOPROPANOL

Ecotoxicity	Toxicity to fish: LC50 - Pimephales promelas (Bighead Minnow) - 9640.00 mg/l - 96h. Toxicity to daphnia and other aquatic invertebrates: EC50 - Daphnia magna (Water flea) - 5102.00 mg/l - 24 h.
Persistence and degradability	Data not available.
Bioaccumulative potential	Accumulation is not expected.
Mobility in soil	Data not available.
Other adverse effects	Data not available.

METHANOL

Ecotoxicity	Toxicity to fish: LC50 - Lepomis macrochirus - 15,400.0 mg/l - 96 h.
Persistence and degradability	Biodegradability aerobic - Readily biodegradable Result: 72%.
Bioaccumulative potential	Bioaccumulation Cyprinus carpio (Carp) - 72 d à 20 °C. Bioconcentration factor (BCF): 1.
Mobility in soil	Do not get absorbed by the ground.
Other adverse effects	Avoid release to the environment.

SODIUM HYDROXIDE

Ecotoxicity	Toxicity to fish: LC50 - Gambusia affinis (Mosquito fish) - 125 mg/l - 96 h. Toxicity to daphnia and other aquatic invertebrates: LC50 - Oncorhynchus mykiss (rainbow trout) - 45.4 mg/l - 96 h. Immobilization EC50 - Daphnia (water flea) - 40.38 mg/l - 48 h.
Persistence and degradability	Data not available.
Bioaccumulative potential	Data not available.
Mobility in soil	Probable mobility in the environment due to its solubility in water.
Other adverse effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Method	Dispose of contents and container in accordance with local, regional and national regulations, or contact a specialist waste disposal company.
Contaminated Packaging	Dispose of as unused product.

SECTION 14 - TRANSPORT INFORMATION

UN Number	1993
UN Proper shipping name	
Transport hazard class(es)	Flammable liquids 3
Packing group	II
Limited quantity index	1 L
ERAP Index	-
Special precautions	16

SECTION 15 - REGULATORY INFORMATION

WHIMS CANADA

- Flammable liquids - category 2
- Serious eye damage/eye irritation - Eye irritation - category 2
- Specific target organ toxicity - Single exposure - category 3

SECTION 16 - OTHER INFORMATION

CNESST: Commission des normes, de l'équité et de la santé et sécurité au travail
NIH: National institute of health (U.S. Naltional Library of Medecine)
ECHA: Agence Européenne de Chimie
ACGIH : American Conference of Governmental Industrial Hygienists
AIHA : American Industrial Hygiene Association
VECD: Valeur d'exposition courte durée
VEMP: Valeur d'exposition moyenne pondérée
CMRG : Chemical Manufacturer's Recommended Guidelines
OSHA : United States Department of Labor - Occupational Safety and Health Administration
TLV : Threshold limit value
TWA: Time-Weighted-Average
STEL: Short Term Exposure Limit
CEIL: Ceiling
RSST: Règlement sur la santé et sécurité au travail (Québec)
INRS: l'Institut national de recherche et de sécurité pour la prévention des accidents du travail et des maladies professionnelles (France)

The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. It does not represent any guarantee of the properties of the product. Laboratoire MAT Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.

Last Update: 2026-10-26