CRC® Minimal Expansion Foam, 340 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)
Issue date: 2025-09-08 Version: 1.0

SECTION 1: Identification

1.1. Product identifier

Trade name	:	CRC® Minimal Expansion Foam, 340 g
Product code	:	1006223
Part number	:	74077

1.2. Recommended use and restrictions on use

Recommended use	:	Foam insulator and sealant
Restrictions on use	:	None known

1.3. Supplier

Manufactured or sold by:
CRC Canada Co.
83 Galaxy Blvd.
Unit 35 - 37
Toronto, ON M9W 5X6
Canada
T 416-847-7750
crcindustries.ca

1.4. Emergency telephone number

Emergency number	:	800-424-9300 (CHEMTREC) 24-Hour Emergency

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Aerosol, Category 1	Extremely flammable aerosol. Pressurized container; may burst if heated.
Acute toxicity (inhalation), Category 4	Harmful if inhaled.
Skin corrosion/irritation, Category 2	Causes skin irritation.
Serious eye damage/eye irritation, Category 2	Causes serious eye irritation.
Respiratory sensitization, Category 1	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin sensitization, Category 1	May cause an allergic skin reaction.
Carcinogenicity, Category 2	Suspected of causing cancer.
Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	May cause respiratory irritation.
Specific target organ toxicity, Repeated exposure, Category 1	Causes damage to organs through prolonged or repeated exposure.

2.2. GHS Label elements, including precautionary statements

GHS CA labeling

Hazard pictograms (GHS CA) :

Signal word (GHS CA) : Danger

Hazard statements (GHS CA)	:	Extremely flammable aerosol Pressurized container; may burst if heated Causes skin irritation May cause an allergic skin reaction Causes serious eye irritation Harmful if inhaled May cause allergy or asthma symptoms or breathing difficulties if inhaled May cause drowsiness or dizziness Suspected of causing cancer. Causes damage to organs through prolonged or repeated exposure.
Precautionary statements (GHS CA)	:	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not eat, drink or smoke when using this product. Do not breathe fume, vapors. Use only outdoors or in a well-ventilated area. Wear protective gloves, protective clothing, eye and face protection. Wash hands thoroughly after handling. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or a doctor if you feel unwell. If experiencing respiratory symptoms: Call a POISON CENTER or a doctor. 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 advice or attention. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace. IF exposed or concerned: Get medical advice or attention. Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Dispose of contents/container in accordance with local/regional/national regulations.

2.3. Other hazards

Other hazards which do not result in classification	:	Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion. When exposed to extreme heat or hot surfaces, vapors may decompose to toxic gases such as hydrogen chloride and possibly phosgene.

2.4. Unknown acute toxicity (GHS CA)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Paraffin waxes and Hydrocarbon waxes, chloro	Chlorinated paraffin	CAS-No.: 63449-39-8	10 – 30

Name	Chemical name / Synonyms	Product identifier	%
Isocyanic acid, polymethylenepolyphenylene ester	Isocyanic acid polymethylenepolyphenylene ester ; Polymethylene polyphenylene isocyanate	CAS-No.: 9016-87-9	10 – 30
Benzene, 1,1'-methylenebis[4-isocyanato-	Diphenylmethane 4,4'-diisocyanate Diphenyl methane diisocyanate; 4,4'-MDI	CAS-No.: 101-68-8	7 – 13
2-Propanol, 1-chloro-, 2,2',2''-phosphate	Tris(1-chloro-2-propyl) phosphate	CAS-No.: 13674-84-5	5 – 10
Propane, 2-methyl-	2-Methylpropane ; Isobutane	CAS-No.: 75-28-5	5 – 10
Dimethyl ether	Oxybismethane ; Dimethyl ether	CAS-No.: 115-10-6	1 – 5
Propane	Propane	CAS-No.: 74-98-6	1 – 5
Soybean oil	Soybean oil	CAS-No.: 8001-22-7	1 – 5
Morpholine, 4,4'-(oxydi-2,1-ethanediyl)bis-	2,2-Dimorpholinodiethyl ether	CAS-No.: 6425-39-4	0.5 – 1.5

Comments : The exact percentage (concentration) of composition has been withheld as a trade secret.
All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

First-aid measures after skin contact : Wash skin with soap and water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

First-aid measures general : Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If you feel unwell, seek medical advice. Show this safety data sheet to the doctor in attendance.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects : May cause respiratory irritation.

Symptoms/effects after inhalation : May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Symptoms/effects after skin contact : Causes skin irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Symptoms/effects after ingestion : May be harmful if swallowed.

4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water fog. Dry powder. Foam. Carbon dioxide.

5.2. Unsuitable extinguishing media

Unsuitable extinguishing media	:	Do not use a heavy water stream.

5.3. Specific hazards arising from the hazardous product

Fire hazard	:	Extremely flammable aerosol.
Explosion hazard	:	Pressurized container may rupture when exposed to heat or flame.
Reactivity in case of fire	:	When exposed to extreme heat or hot surfaces, vapors may decompose to toxic gases such as hydrogen fluoride, hydrogen chloride, and possibly phosgene.
Hazardous decomposition products in case of fire	:	Toxic fumes may be released.

5.4. Special protective equipment and precautions for fire-fighters

Firefighting instructions	:	Eliminate all ignition sources if safe to do so. Fight fire remotely due to the risk of explosion. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	:	Self-contained breathing apparatus. Do not attempt to take action without suitable protective equipment. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	:	Eliminate every possible source of ignition. Stop leak if safe to do so. Absorb spillage to prevent material-damage. Notify authorities if product enters sewers or public waters.
Personal Precautions, Protective Equipment and Emergency Procedures	:	Wear appropriate protective equipment and clothing during clean-up.

6.2. Methods and materials for containment and cleaning up

For containment	:	Stop leak, if possible without risk. Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	:	Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. Clean surface thoroughly to remove residual contamination. Notify authorities if product enters sewers or public waters.
Additional Regulatory Information	:	Dispose of materials or solid residues at an authorized site.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	:	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Exposure to high temperature may cause can to burst. Avoid contact with skin and eyes. Do not breathe mist, vapors. Use only outdoors or in a well-ventilated area. Maintain ventilation during use and until all vapors are gone. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Wear personal protective equipment. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. For product usage instructions, see the product label.
Hygiene measures	:	Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Level 1 Aerosol. Store locked up. Store in a well-ventilated place. Keep cool. Keep in fireproof place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Packaging materials : Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Dimethyl ether (115-10-6)	
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Dimethyl ether
OEL TWA	1000 ppm
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)

Propane (74-98-6)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Propane
OEL TWA	1000 ppm
Regulatory reference	Alberta Regulation 191/2021
Canada (Quebec) - Occupational Exposure Limits	
Local name	Propane
Notations and remarks	Simple asphyxiant. EX
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Propane
Notations and remarks	Simple asphyxiant. EX (the substance is a flammable asphyxiant or excursions above the exposure limit could approach 10% of the lower explosive limit)
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Propane
Notations and remarks	TLV® Basis: Asphyxia
Regulatory reference	ACGIH 2025
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Propane
Notations and remarks	TLV® Basis: Asphyxia
Regulatory reference	ACGIH 2025

Propane (74-98-6)	
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Propane
Notations and remarks	TLV® Basis: Asphyxia
Regulatory reference	ACGIH 2025
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Propane
OEL TWA	1000 ppm
OEL STEL	1250 ppm
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Propane
OEL TWA	1000 ppm
OEL STEL	1250 ppm
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)
Canada (Ontario) - Occupational Exposure Limits	
Local name	Propane
Notations and remarks	See Appendix F: Minimal Oxygen Content
Regulatory reference	Occupational Health and Safety Act, R.S.O. 1990, c. O.1 - R.R.O. 1990, Reg. 833: Control of exposure to biological or chemical agents
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Propane
Notations and remarks	TLV® Basis: Asphyxia
Regulatory reference	ACGIH 2025
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Propane
OEL TWA	1000 ppm
OEL STEL	1250 ppm
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10

Propane, 2-methyl- (75-28-5)	
Canada (Quebec) - Occupational Exposure Limits	
Local name	Isobutane
VECD (OEL STEV)	1000 ppm
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety

Propane, 2-methyl- (75-28-5)	
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Butane, all isomers: isobutane
OEL STEL	1000 ppm
Notations and remarks	EX (the substance is a flammable asphyxiant or excursions above the exposure limit could approach 10% of the lower explosive limit)
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Isobutane
OEL STEL	2370 mg/m³ (EX - Explosion hazard)
	1000 ppm (EX - Explosion hazard)
Notations and remarks	TLV® Basis: CNS impair
Regulatory reference	ACGIH 2025
Canada (New Brunswick) - Occupational Exposure Limits	
Local name	Butane, all isomers
OEL STEL	1000 ppm
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Isobutane
OEL STEL	2370 mg/m³ (EX - Explosion hazard)
	1000 ppm (EX - Explosion hazard)
Notations and remarks	TLV® Basis: CNS impair
Regulatory reference	ACGIH 2025
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Isobutane
OEL STEL	2370 mg/m³ (EX - Explosion hazard)
	1000 ppm (EX - Explosion hazard)
Notations and remarks	TLV® Basis: CNS impair
Regulatory reference	ACGIH 2025
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Butane, All isomers
OEL TWA	1000 ppm
OEL STEL	1250 ppm
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Butane, All isomers

Propane, 2-methyl- (75-28-5)	
OEL TWA	1000 ppm
OEL STEL	1250 ppm
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)
Canada (Ontario) - Occupational Exposure Limits	
Local name	Butane, All isomers
OEL TWAEV	1000 ppm
Regulatory reference	Occupational Health and Safety Act, R.S.O. 1990, c. O.1 - R.R.O. 1990, Reg. 833: Control of exposure to biological or chemical agents
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Isobutane
OEL STEL	2370 mg/m³ (EX - Explosion hazard)
	1000 ppm (EX - Explosion hazard)
Notations and remarks	TLV® Basis: CNS impair
Regulatory reference	ACGIH 2025
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Butane. All isomers
OEL TWA	1000 ppm
OEL STEL	1250 ppm
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10

Benzene, 1,1'-methylenebis[4-isocyanato- (101-68-8)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Methylene bisphenyl isocyanate (Diphenylmethane-4,4'-diisocyanate; MDI)
OEL TWA	0.05 mg/m³
	0.005 ppm
Regulatory reference	Alberta Regulation 191/2021
Canada (Quebec) - Occupational Exposure Limits	
Local name	Methylene bis(4-phenyl isocyanate) (MDI, 4,4'-Diphenylmethanediisocyanate)
VEMP (OEL TWAEV)	0.051 mg/m³
	0.005 ppm
Notations and remarks	EM, S
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety

Benzene, 1,1'-methylenebis[4-isocyanato- (101-68-8)	
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Methylene bisphenyl isocyanate (MDI)
OEL TWA	0.005 ppm
OEL C	0.01 ppm
Notations and remarks	S(R) (substance with specific evidence of sensitization by respiratory route)
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Methylene bisphenyl isocyanate (MDI)
OEL TWA	0.051 mg/m³
	0.005 ppm
Notations and remarks	TLV® Basis: Resp sens
Regulatory reference	ACGIH 2025
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Methylene bisphenyl isocyanate (MDI)
OEL TWA	0.051 mg/m³
	0.005 ppm
Notations and remarks	TLV® Basis: Resp sens
Regulatory reference	ACGIH 2025
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Methylene bisphenyl isocyanate (MDI)
OEL TWA	0.051 mg/m³
	0.005 ppm
Notations and remarks	TLV® Basis: Resp sens
Regulatory reference	ACGIH 2025
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Methylene bisphenyl isocyanate (MDI)
OEL TWA	0.005 ppm
OEL STEL	0.015 ppm
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Methylene bisphenyl isocyanate (MDI)
OEL TWA	0.005 ppm
OEL STEL	0.015 ppm

Benzene, 1,1'-methylenebis[4-isocyanato- (101-68-8)	
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)
Canada (Ontario) - Occupational Exposure Limits	
Local name	Isocyanates, organic compounds - Methylene bisphenyl isocyanate (MDI)
OEL TWAEV	0.005 ppm
OEL C	0.02 ppm
Regulatory reference	Occupational Health and Safety Act, R.S.O. 1990, c. O.1 - O. Reg. 490/09: Designated substances
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Methylene bisphenyl isocyanate (MDI)
OEL TWA	0.051 mg/m³
	0.005 ppm
Notations and remarks	TLV® Basis: Resp sens
Regulatory reference	ACGIH 2025
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Methylene bisphenyl isocyanate (MDI)
OEL TWA	0.005 ppm
OEL STEL	0.015 ppm
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10

Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Polymethylene polyphenyl isocyanate (PAPI)
OEL TWA	0.07 mg/m³
	0.005 ppm
Regulatory reference	Alberta Regulation 191/2021

8.2. Appropriate engineering controls

Appropriate engineering controls : Provide local exhaust or general room ventilation. Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:
Wear protective gloves such as: Nitrile. Neoprene. Rubber.

Eye protection:
Wear safety glasses with side shields (or goggles).

Respiratory protection:
If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Color	:	Amber
Odor	:	Solvent
Melting point	:	-138.3 °C (-216.9 °F) estimated
Freezing point	:	-138.3 °C (-216.9 °F) estimated
Boiling point	:	-11.7 °C (10.9 °F) estimated
Flammability (solid, gas)	:	Not applicable
Explosion limits	:	Lower explosion limit: 1.9 % estimated Upper explosion limit: 8.5 % estimated
Flash point	:	No data available
Auto-ignition temperature	:	445 °C (833 °F) estimated
Decomposition temperature	:	No data available
pH	:	No data available
Viscosity, kinematic	:	No data available
Solubility	:	No data available
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Vapor pressure	:	1306.1 hPa estimated
Evaporation rate	:	Moderate
Density	:	No data available
Relative density	:	1.05
Relative vapor density at 20°C	:	> 1 (air = 1)
Particle characteristics	:	No data available

9.2. Additional Regulatory Information

No additional information available

SECTION 10: Stability and reactivity

Reactivity	:	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	:	Extremely flammable aerosol. Pressurized container: may burst if heated.
Possibility of hazardous reactions	:	May mass explode in fire. Heating may cause a fire or explosion. When exposed to extreme heat or hot surfaces, vapors may decompose to toxic gases such as hydrogen fluoride, hydrogen chloride, and possibly phosgene.
Conditions to avoid	:	High temperature. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Incompatible materials	:	Combustible materials. Strong oxidizing agents.
Hazardous decomposition products	:	Carbon oxides (CO, CO2). Nitrogen oxides. Hydrogen chloride. Phosgene.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Harmful if inhaled.

CRC® Minimal Expansion Foam, 340 g	
ATE CA (Gases)	4500 ppmV/4h
ATE CA (vapors)	11 mg/l/4h
ATE CA (dust,mist)	1.5 mg/l/4h

Morpholine, 4,4'-(oxydi-2,1-ethanediyl)bis- (6425-39-4)	
LD50 oral rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), Guideline: EU Method B.1 tris (Acute Oral Toxicity - Acute Toxic Class Method)
LD50 dermal rabbit	3038 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

Dimethyl ether (115-10-6)	
LC50 Inhalation - Rat	308.5 mg/l Source: International Uniform ChemicaL Information Database
LC50 Inhalation - Rat [ppm]	164000 ppm Animal: rat, Animal sex: male, 95% CL: 142000 - 203000

Propane (74-98-6)	
LC50 Inhalation - Rat [ppm]	800000 ppm Source: ECHA

2-Propanol, 1-chloro-, 2,2',2''-phosphate (13674-84-5)	
LD50 oral rat	1500 mg/kg Source: RTECS
LD50 dermal rabbit	> 5000 mg/kg Source: SIDS
LC50 Inhalation - Rat (Dust/Mist)	> 4.6 mg/l Source: IUCLID

Propane, 2-methyl- (75-28-5)	
LC50 Inhalation - Rat	658 mg/l

Benzene, 1,1'-methylenebis[4-isocyanato- (101-68-8)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 9400 mg/kg
LC50 Inhalation - Rat	367.95 mg/m³
LC50 Inhalation - Rat (Dust/Mist)	0.49 mg/l Source: ECHA

Paraffin waxes and Hydrocarbon waxes, chloro (63449-39-8)	
LD50 oral rat	> 11700 mg/kg Source: International Uniform ChemicaL Information Database
LD50 dermal rabbit	> 10000 mg/kg Source: Corporate Solution From Thomson Micromedex

Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)	
LD50 oral rat	49000 mg/kg Source: Corporate Solution From Thomson Micromedex
LD50 dermal rabbit	> 9500 mg/kg Source: Corporate Solution From Thomson Micromedex

Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)	
LC50 Inhalation - Rat (Vapors)	0.49 mg/l Source: Corporate Solution From Thomson Micromedex

Skin corrosion/irritation : Causes skin irritation.

2-Propanol, 1-chloro-, 2,2',2''-phosphate (13674-84-5)	
pH	8 – 8.5

Serious eye damage/irritation : Causes serious eye irritation.

2-Propanol, 1-chloro-, 2,2',2''-phosphate (13674-84-5)	
pH	8 – 8.5

Respiratory or skin sensitization : May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Suspected of causing cancer.

Benzene, 1,1'-methylenebis[4-isocyanato- (101-68-8)	
IARC group	3 - Not classifiable

Paraffin waxes and Hydrocarbon waxes, chloro (63449-39-8)	
IARC group	2B - Possibly carcinogenic to humans

Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified

2-Propanol, 1-chloro-, 2,2',2''-phosphate	
LOAEL (animal/female, F0/P)	99 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 416 (Two-Generation Reproduction Toxicity Study)
NOAEL (animal/male, F0/P)	85 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 416 (Two-Generation Reproduction Toxicity Study)

STOT-single exposure : May cause respiratory irritation.

STOT-repeated exposure : Causes damage to organs through prolonged or repeated exposure.

Morpholine, 4,4'-(oxydi-2,1-ethanediyl)bis- (6425-39-4)	
NOAEL (oral,rat,90 days)	150 mg/kg body weight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents)

Benzene, 1,1'-methylenebis[4-isocyanato- (101-68-8)	
NOAEC (inhalation, rat, 90 days)	1.4 – 4.1 mg/m³
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

2-Propanol, 1-chloro-, 2,2',2''-phosphate (13674-84-5)	
Viscosity, kinematic	44.186 mm²/s

Symptoms/effects : May cause respiratory irritation.

Symptoms/effects after inhalation : May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Symptoms/effects after skin contact : Causes skin irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Symptoms/effects after ingestion : May be harmful if swallowed.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Morpholine, 4,4'-(oxydi-2,1-ethanediyl)bis- (6425-39-4)	
LC50 - Fish [1]	4219.96 mg/l Source: EPISUITE
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [1]	31.416 mg/l Source: EPISUITE

Dimethyl ether (115-10-6)	
LC50 - Fish [1]	> 4.1 g/l Test organisms (species): Poecilia reticulata
EC50 - Crustacea [1]	> 4.4 g/l Test organisms (species): Daphnia magna
EC50 96h - Algae [1]	154.917 mg/l Test organisms (species): other:

Propane (74-98-6)	
LC50 - Fish [1]	> 100 mg/l Source: IUCLID

2-Propanol, 1-chloro-, 2,2',2''-phosphate (13674-84-5)	
LC50 - Fish [1]	51 mg/l Source: OECD SIDS
EC50 - Crustacea [1]	131 mg/l Source: OECD SIDS
EC50 72h - Algae [1]	82 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	33 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
NOEC chronic fish	5.2 mg/l Test organisms (species): other:
NOEC (chronic)	32 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

Benzene, 1,1'-methylenebis[4-isocyanato- (101-68-8)	
LC50 - Fish [1]	> 1000 mg/l
EC50 - Crustacea [1]	> 1000 mg/l
EC50 72h - Algae [1]	> 1640 mg/l
NOEC (chronic)	≥ 10 mg/l Test organisms (species): Duration: '21 d'

Paraffin waxes and Hydrocarbon waxes, chloro (63449-39-8)	
LC50 - Fish [1]	0.06 mg/l Source: The ECOTOXicology database
EC50 72h - Algae [1]	> 3.2 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [1]	> 3.2 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)

12.2. Persistence and degradability

CRC® Minimal Expansion Foam, 340 g	
Persistence and degradability	No data is available on the degradability of this product.

12.3. Bioaccumulative potential

Morpholine, 4,4'-(oxydi-2,1-ethanediyl)bis- (6425-39-4)	
Partition coefficient n-octanol/water (Log Pow)	-1.31 Source: EPISUITE

Dimethyl ether (115-10-6)	
Partition coefficient n-octanol/water (Log Pow)	0.1 Source: International Chemical Safety Cards

Propane (74-98-6)	
Partition coefficient n-octanol/water (Log Pow)	2.36

2-Propanol, 1-chloro-, 2,2',2''-phosphate (13674-84-5)	
Partition coefficient n-octanol/water (Log Pow)	3.33

Propane, 2-methyl- (75-28-5)	
Partition coefficient n-octanol/water (Log Pow)	2.76

Benzene, 1,1'-methylenebis[4-isocyanato- (101-68-8)	
BCF - Fish [1]	200 l/kg
Partition coefficient n-octanol/water (Log Pow)	4.51

Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)	
Partition coefficient n-octanol/water (Log Pow)	10.46 Source: Quantitative Structure Activity Relation

12.4. Mobility in soil

Morpholine, 4,4'-(oxydi-2,1-ethanediyl)bis- (6425-39-4)	
Mobility in soil	12.98 Source: EPISUITE

Dimethyl ether (115-10-6)	
Mobility in soil	27 Source: National Library of Medicine/Hazardous Substances Data Bank

2-Propanol, 1-chloro-, 2,2',2''-phosphate (13674-84-5)	
Mobility in soil	3372.87

12.5. Other adverse effects

Ozone : Not classified

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional waste regulation : Disposal must be done according to official regulations.

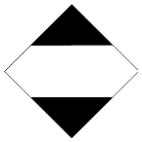
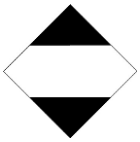
Waste treatment methods : Dispose of contents/container in accordance with licensed collector’s sorting instructions.

Sewage disposal recommendations : Do not allow to enter sewers, surface or groundwater.

Product/Packaging disposal recommendations	:	Contents under pressure. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.
Additional information	:	Do not re-use empty containers.

SECTION 14: Transport information

In accordance with TDG / IMDG / IATA

TDG	IMDG	IATA
14.1. UN number		
UN1950	1950	1950
14.2. Proper Shipping Name		
AEROSOLS (Limited quantity)	AEROSOLS (Limited quantity)	Aerosols, flammable (Limited quantity)
14.3. Transport hazard class(es)		
LTD QTY	LTD QTY	LTD QTY
		
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
No supplementary information available		

14.6. Special precautions for user

TDG

TDG Primary Hazard Classes	:	2.1 - Class 2.1 - Flammable Gases
UN-No. (TDG)	:	UN1950
TDG Special Provisions	:	80 - Despite section 1.17 of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases), a person must not offer for transport or transport these dangerous goods unless they are in a means of containment that is in compliance with the requirements for transporting gases in Part 5 (Means of Containment),107 - (1) These Regulations, except for Parts 1 and 2, do not apply to the offering for transport, handling or transport of UN1950, AEROSOLS, and UN2037, GAS CARTRIDGES, that contain dangerous goods included in Class 2.1 or Class 2.2 and that are transported on a road vehicle, a railway vehicle or a vessel on a domestic voyage, if the aerosols or gas cartridges have a capacity less than or equal to 50 mL. (2) Subsection (1) does not apply to self-defence spray.
Explosive Limit and Limited Quantity Index	:	1 L
Excepted quantities (TDG)	:	E0
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index	:	75 L
Emergency Response Guide (ERG) Number	:	126

IMDG

Class (IMDG)	:	2.1 - Flammable gases
Special provision (IMDG)	:	63, 190, 277, 327, 344, 381, 959
Limited quantities (IMDG)	:	SP277
Excepted quantities (IMDG)	:	E0
Packing instructions (IMDG)	:	P207, LP200

Packing provisions (IMDG)	:	PP87, L2
EmS-No. (Fire)	:	F-D - FIRE SCHEDULE Delta - FLAMMABLE GASES
EmS-No. (Spillage)	:	S-U - SPILLAGE SCHEDULE Uniform - GASES (FLAMMABLE, TOXIC OR CORROSIVE)
Stowage category (IMDG)	:	None
Stowage and handling (IMDG)	:	SW1, SW22
Segregation (IMDG)	:	SG69

IATA

Class (IATA)	:	2.1 - Gases : Flammable
PCA Excepted quantities (IATA)	:	E0
PCA Limited quantities (IATA)	:	Y203
PCA limited quantity max net quantity (IATA)	:	30kgG
PCA packing instructions (IATA)	:	203
PCA max net quantity (IATA)	:	75kg
CAO packing instructions (IATA)	:	203
CAO max net quantity (IATA)	:	150kg
Special provision (IATA)	:	A145, A167, A802
ERG code (IATA)	:	10L

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. National regulations

CRC® Minimal Expansion Foam, 340 g

All components of this product are listed on the DSL, NDSL, or are exempt from the inventory requirements.

Name	CAS-No.	Regulatory reference
Morpholine, 4,4'-(oxydi-2,1-ethanediyl)bis-	6425-39-4	Listed on the Canadian DSL (Domestic Substances List)
Dimethyl ether	115-10-6	Listed on the Canadian DSL (Domestic Substances List)
Propane	74-98-6	Listed on the Canadian DSL (Domestic Substances List)
Soybean oil	8001-22-7	Listed on the Canadian DSL (Domestic Substances List)
2-Propanol, 1-chloro-, 2,2',2''-phosphate	13674-84-5	Listed on the Canadian DSL (Domestic Substances List)
Propane, 2-methyl-	75-28-5	Listed on the Canadian DSL (Domestic Substances List)
Benzene, 1,1'-methylenebis[4-isocyanato-	101-68-8	Listed on the Canadian DSL (Domestic Substances List)
Paraffin waxes and Hydrocarbon waxes, chloro	63449-39-8	Listed on the Canadian DSL (Domestic Substances List)
Isocyanic acid, polymethylenepolyphenylene ester	9016-87-9	Listed on the Canadian DSL (Domestic Substances List)

15.2. International regulations

Morpholine, 4,4'-(oxydi-2,1-ethanediyl)bis- (6425-39-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Dimethyl ether (115-10-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Propane (74-98-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Soybean oil (8001-22-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

2-Propanol, 1-chloro-, 2,2',2''-phosphate (13674-84-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Propane, 2-methyl- (75-28-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Benzene, 1,1'-methylenebis[4-isocyanato- (101-68-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Paraffin waxes and Hydrocarbon waxes, chloro (63449-39-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.2. Other Regulatory Information

Volatile Organic Compound Concentration Limits for Certain Products Regulations: SOR/2021-268

VOC content	13.1 %
Product Category	Not regulated.

SECTION 16: Other information

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Safety Data Sheet (SDS), Canada, CRC

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