



CRC® Minimal Expansion Foam, 12 Wt Oz

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date: 1/14/2025 Version: 1.0

SECTION 1: Identification

1.1. Identification

Trade name : CRC® Minimal Expansion Foam, 12 Wt Oz
Product code : 1004808
Part number : 14077

1.2. Recommended use and restrictions on use

Recommended use : Foam insulator and sealant

1.3. Supplier

Manufactured or sold by:

CRC Industries, Inc.
885 Louis Dr.
Warminster, PA 18974
United States
T 1-800-556-5074
crcindustries.com

1.4. Emergency telephone number

Emergency number : 1-800-424-9300
24-Hour Emergency

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Aerosol, Category 1

Acute toxicity (inhalation), Category 4

Skin corrosion/irritation, Category 2

Serious eye damage/eye irritation, Category 2

Respiratory sensitization, Category 1

Skin sensitization, Category 1

Carcinogenicity, Category 2

Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

Specific target organ toxicity — Repeated exposure, Category 1

Extremely flammable aerosol. Pressurized container; may burst if heated.

Harmful if inhaled.

Causes skin irritation.

Causes serious eye irritation.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause an allergic skin reaction.

Suspected of causing cancer.

May cause respiratory irritation.

Causes damage to organs through prolonged or repeated exposure.

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US)

: Danger

Hazard statements (GHS US)

: Extremely flammable aerosol
Pressurized container; may burst if heated
Causes skin irritation

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Precautionary statements (GHS US)	<p>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 respiratory irritation Suspected of causing cancer. Causes damage to organs through prolonged or repeated exposure</p> <p>: 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 apply while equipment is energized. Extinguish all flames, pilot lights, and heaters. Vapors will accumulate readily and may ignite. 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 respiratory protection. Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection. Contaminated work clothing must not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. If experiencing respiratory symptoms: Call a poison center or 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. If exposed or concerned: Get medical advice/attention. Store locked up. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 122 °F (50 °C). Exposure to high temperature may cause can to burst. Dispose of contents/container in accordance with local/regional/national regulations.</p>
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2.3. Other hazards which do not result in classification

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 US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Paraffin waxes and Hydrocarbon waxes, chloro	Chlorinated paraffin	CAS-No.: 63449-39-8	10 – 30
Isocyanic acid, polymethylenepolyphenylene ester	Isocyanic acid, polymethylenepolyphenylene ester	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 : Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4: First-aid measures

4.1. Description of first aid measures

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.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary. Do not give mouth-to-mouth resuscitation if victim ingested or inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical attention if irritation develops.
First-aid measures after eye contact	: 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/attention.
First-aid measures after ingestion	: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

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

Symptoms/effects after inhalation	: May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.
Symptoms/effects after skin contact	: Causes skin irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: May be harmful if swallowed.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

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SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

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

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

5.2. Specific hazards arising from the chemical

Fire hazard : Extremely flammable aerosol.

Explosion hazard : Pressurized container may rupture when exposed to heat or flame.

Hazardous decomposition products in case of fire : When exposed to extreme heat or hot surfaces, vapors may decompose to toxic gases such as hydrogen chloride and possibly phosgene.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Other information : This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Absorb spillage to prevent material-damage. Notify authorities if product enters sewers or public waters.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe mist, vapors. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material 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.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

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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

- Technical measures : Keep in a cool, well-ventilated place away from heat.
- Storage conditions : Level 1 Aerosol. Store locked up. Store in a well-ventilated place. Store in a cool, dry place out of direct 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

Propane (74-98-6)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Propane
Remark (ACGIH)	TLV® Basis: Simple Asphyxiant
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Propane
OSHA PEL TWA	1800 mg/m ³ 1000 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Propane, 2-methyl- (75-28-5)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Isobutane
ACGIH OEL STEL	1000 ppm (EX - Explosion hazard)
Remark (ACGIH)	TLV® Basis: CNS impair
Regulatory reference	ACGIH 2024

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Benzene, 1,1'-methylenebis[4-isocyanato- (101-68-8)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Methylene bisphenyl isocyanate (MDI)
ACGIH OEL TWA	0.005 ppm
Remark (ACGIH)	TLV® Basis: Resp sens
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Methylene bisphenyl isocyanate (MDI)
OSHA PEL C	0.2 mg/m ³
	0.02 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/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
Odor threshold : No data available
Melting point : -216.9 °F (-138.3 °C) estimated
Freezing point : -216.9 °F (-138.3 °C) estimated
Boiling point : 10.9 °F (-11.7 °C) estimated
Flammability (solid, gas) : Extremely flammable aerosol.
Explosion limits : Lower explosion limit: 1.9 % estimated
Upper explosion limit: 8.5 % estimated
Flash point : No data available
Auto-ignition temperature : 833 °F (445 °C) estimated
Decomposition temperature : No data available
pH : No data available

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Viscosity, kinematic	: No data available
Viscosity, dynamic	: 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 and/or relative density	
Density	: 8.8 lb/gal
Relative density	: 1.05
Relative vapor density at 20°C	: > 1 (air = 1)
Particle characteristics	: No data available
Explosive properties	: Pressurized container: may burst if heated.
Oxidizing properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol. Pressurized container: may burst if heated.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

When exposed to extreme heat or hot surfaces, vapors may decompose to toxic gases such as hydrogen chloride and possibly phosgene.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Strong bases. Strong oxidizing agents.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO₂). Nitrogen oxides. Hydrogen chloride. Phosgene.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Symptoms/effects after inhalation	: May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.
Symptoms/effects after skin contact	: Causes skin irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: May be harmful if swallowed.
Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Harmful if inhaled.

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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/m ³
Paraffin waxes and Hydrocarbon waxes, chloro (63449-39-8)	
LD50 oral rat	> 11700 mg/kg Source: International Uniform Chemical Information Database
LD50 oral	> 23400 mg/kg body weight Animal: mouse, Guideline: EPA OPP 81-1 (Acute Oral Toxicity)
LD50 dermal rabbit	> 10000 mg/kg 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 (Based on available data, the classification criteria are not met)
Carcinogenicity	: Suspected of causing cancer.
Paraffin waxes and Hydrocarbon waxes, chloro (63449-39-8)	
IARC group	2B - Possibly carcinogenic to humans
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)

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2-Propanol, 1-chloro-, 2,2',2''-phosphate (13674-84-5)	
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.
Benzene, 1,1'-methylenebis[4-isocyanato- (101-68-8)	
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/m ³
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
Viscosity, kinematic	: No data available
2-Propanol, 1-chloro-, 2,2',2''-phosphate (13674-84-5)	
Viscosity, kinematic	44.186 mm ² /s

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

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2-Propanol, 1-chloro-, 2,2',2''-phosphate (13674-84-5)	
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)	32 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	5.2 mg/l Test organisms (species): other:
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 crustacea	≥ 10 mg/l
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	
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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

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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

No additional information available

SECTION 13: Disposal considerations

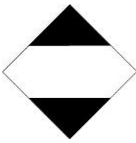
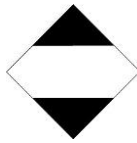

13.1. Disposal methods

Regional waste regulation	: Dispose of contents/container in accordance with local/regional/national 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	: Full or partially-full aerosol cans can be treated as universal waste. Empty container can be recycled. Contents under pressure.
Hazardous waste code	: Possible RCRA waste code includes: D001: Ignitable Waste

However, it is the generator's responsibility to determine the proper classification and disposal method at the time of disposal.

SECTION 14: Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
UN1950	1950	1950
14.2. Proper Shipping Name		
Aerosols, flammable (Limited quantity)	AEROSOLS (Limited quantity)	Aerosols, flammable (Limited quantity)
14.3. Transport hazard class(es)		
LTD QTY	LTD QTY	LTD QTY Y
		
14.4. Packing group		
Not applicable	Not applicable	Not applicable

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DOT	IMDG	IATA
14.5. Environmental hazards		
No supplementary information available		

14.6. Special precautions for user

DOT

Class (DOT)	: 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115
UN-No.(DOT)	: UN1950
DOT Special Provisions (49 CFR 172.102)	: N82 - See 173.306 of this subchapter for classification criteria for flammable aerosols.
DOT Packaging Exceptions (49 CFR 173.xxx)	: 306
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 75 kg
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 150 kg
DOT Vessel Stowage Location	: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
DOT Vessel Stowage Other	: 25 - Shade from radiant heat,87 - Stow "separated from" Class 1 (explosives) except Division 14,126 - Segregation same as for Class 9, miscellaneous hazardous materials

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. US Federal regulations

Toxic Substances Control Act (TSCA)

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

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Name	CAS-No.	Commercial status	Flags
Morpholine, 4,4'-(oxydi-2,1-ethanediyl)bis-	6425-39-4	Active	
Dimethyl ether	115-10-6	Active	
Propane	74-98-6	Active	
Soybean oil	8001-22-7	Active	
2-Propanol, 1-chloro-, 2,2',2"-phosphate	13674-84-5	Active	
Propane, 2-methyl-	75-28-5	Active	
Benzene, 1,1'-methylenebis[4-isocyanato-	101-68-8	Active	
Paraffin waxes and Hydrocarbon waxes, chloro	63449-39-8	Active	
Isocyanic acid, polymethylenepolyphenylene ester	9016-87-9	Active	XU

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Benzene, 1,1'-methylenebis[4-isocyanato- (101-68-8)	Listed on EPA Hazardous Air Pollutant (HAPS)
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Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substance

CERCLA Section 103 (40CFR302.4)	Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.
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CERCLA RQ	
Propane, 2-methyl- (75-28-5)	100 lb
Benzene, 1,1'-methylenebis[4-isocyanato- (101-68-8)	5000 lb

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 302 Extremely Hazardous Substance

Not listed

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Section 304 Emergency Release Notification

Not listed

Sections 311/312 Hazard Classification

Not listed

Section 313 (TRI Reporting)

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Benzene, 1,1'-methylenebis[4-isocyanato-	CAS-No.101-68-8	7 – 13%
Isocyanic acid, polymethylenepolyphenylene ester	CAS-No.9016-87-9	10 – 30%

15.2. International regulations

No additional information available

15.3. US State regulations

California Proposition 65

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

State Regulations

Component	State Regulations
Dimethyl ether(115-10-6)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Rhode Island - Hazardous Substance List
Propane(74-98-6)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List
Soybean oil(8001-22-7)	U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Rhode Island - Hazardous Substance List; U.S. - Massachusetts - Right To Know List
Propane, 2-methyl-(75-28-5)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List
Benzene, 1,1'-methylenebis[4-isocyanato-(101-68-8)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Rhode Island - Hazardous Substance List
Paraffin waxes and Hydrocarbon waxes, chloro(63449-39-8)	U.S. - Massachusetts - Right To Know List
Isocyanic acid, polymethylenepolyphenylene ester(9016-87-9)	U.S. - New Jersey - Right to Know Hazardous Substance List

15.4 Other Regulatory Information

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Volatile organic compound (VOC) regulation

EPA

VOC content (40 CFR 51.100(s))	13.1 %
Consumer products (40 CFR 59, Subpt. C))	Not regulated.

State

Consumer products	Not regulated.
VOC Content (CA)	13.1 %
VOC Content (OTC)	13.1 %

SECTION 16: Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

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Safety Data Sheet (SDS), USA, CRC

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