

Surface Preparation

Section 1. Identification

Common name : Surface Preparation

Product Code : 60427

Synonym : None

Material uses : Surface preparation and cleaning

Supplier / Manufacturer:

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In case of emergency:

Chemtrec : (800) 424-9300

Or call your local Emergency Health Services Center.

Section 2. Hazards identifications

Classification :



Reproductive toxicity, Category 2

Signal word : Warning

Hazard statements:

H361 : Suspected of damaging fertility or the unborn child.

Precautionary statements:

P201 : Obtain special instructions before use.

P202 : Do not handle until all safety precautions have been read and understood.

P280 : Wear protective gloves/protective clothing/eye protection/face protection.

P308+P313 : If exposed: Call a POISON CENTER or doctor/physician.

P405 : Store locked up.

P501 : Dispose of contents / container by a local waste disposal company according to regional regulations.

Section 3. Composition and information on ingredients

Name	CAS	Concentration %
2-(2-Methoxyethoxy)ethanol	111-77-3	1 to 5

Section 4. First aid measures

Description of first aid if required:

Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

Eye contact:

Rinse eyes thoroughly with water for at least 15 minutes.

Skin contact:

Wash with soap and water.

Inhalation:

Bring the conscious victim to fresh air.

Ingestion:

Rinse mouth. Do NOT induce vomiting. Call a Poison Control Center or doctor immediately.

Indication of immediate medical attention and special treatment needed, if necessary:

Do not give anything by mouth to an unconscious victim.

Most important acute symptoms and effects:

No known specific effects and/or symptoms

Most important delayed symptoms and effects:

No known specific chronic effects and/or symptoms

Section 5. Firefighting measures

Flammability of the product :

Non-flammable

Flash point :

Data not available

Auto-ignition temperature :

Data not available

Products of combustion :

Hazardous decomposition products formed under fire conditions. Nature of decomposition products not known.

Special protective actions for fire-fighters :

Wear self-contained breathing apparatus with full face shield and appropriate protective clothing.

Suitable extinguishing media :

Use means of extinction the most suited to the surrounding materials.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

For non emergency personnel: Evacuate the area.

For emergency personnel: Splash goggles, full suit, chemical resistant gloves. A self-contained breathing apparatus is recommended to avoid inhalation of the product. Suggested protective clothing might not be sufficient. Consult a specialist before handling this product.

Environmental precautions:

Do not let product enter drains

Methods and material for containment and cleaning up:

Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Section 7. Handling and storage

Precautions in Handling:

Do not ingest. Do not breathe mist or vapors. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes.

Precautions in Storage:

Keep container tightly closed in a cool, dry and well-ventilated place.

Section 8. Exposure Controls, Personal Protections

Engineering controls:

Use mechanical exhaust or laboratory fumehood to avoid exposure.

Personal protective equipment:

Eyes: Wear safety glasses.

Skin/body: Wear a lab coat or any other appropriate protective clothing.

Respiratory: If ventilation is insufficient, choose appropriate respiratory protection according to levels and duration of exposure.

Hands: Wear chemical resistant protective gloves.

Section 9. Physical and chemical properties

Physical state: Liquid

Color: Clear

Odour: None

Melting point/Freezing point: Data not available

Boiling point: Data not available

Appearance: Clear

Flash point: Data not available

pH: 11.0 ± 0.2

Solubility: Miscible

Density: 1.00 ± 0.02 g/mL

Section 10. Stability and reactivity

Chemical stability: Stable under recommended storage conditions.

Conditions to avoid: Intense heat

Incompatible materials: Strong oxidizing agents

Products of combustion: Hazardous decomposition products formed under fire conditions. Nature of these products is not known.

Section 11. Toxicological information

Acute toxicity :

Component	CAS	Value
2-(2-Methoxyethoxy)ethanol	111-77-3	DL ₅₀ Oral : Rat = 4108 mg/kg

Skin corrosion/irritation :

Not applicable

Serious eye damage/irritation :

Not applicable

Respiratory or skin sensitisation :

Not applicable

Gem cell mutagenicity :

Not applicable

Carcinogenicity :

Not applicable

Reproductive toxicity :

2-(2-Methoxyethoxy)ethanol : Suspected of damaging fertility or the unborn child

STOT- Single exposure :

Not applicable

STOT- repeated exposure :

Not applicable

Aspiration hazard :

Not applicable

Information on likely route of exposure :

Not applicable

Section 12. Ecological information**Ecological data for aquatic environments :**

Component	CAS	Value
2-(2-Methoxyethoxy)ethanol	111-77-3	CL ₅₀ - Lepomis macrochirus 7500 mg/L - 96h
		CL ₅₀ - Pimephales promelas (fathead minnow) 5741 mg/L - 96h
		CE ₅₀ - Daphnia magna 1192 mg/L - 48h
		CL ₅₀ - Selenastrum capricornutum (green algae) 1000 mg/L - 96h
		CL ₅₀ - Desmodesmus subspicatus 500 mg/L - 72h

Persistence and degradability :

Data not available

Bioaccumulative potential :

Data not available

Mobility in soil :

Data not available

Other adverse effects :

Data not available

Section 13. Disposal considerations

Waste disposal :

Dispose of the chemical waste in conformity with the federal, provincial and local laws. Store the residues of the product in safe containers. Place the containers in storage area of dangerous chemical waste.

Section 14. Transportation information

No TDG/DOT/IMDG/IATA Classification

Section 15. Regulatory information

NFPA Classification :



Health : 1
Flammable : 0
Reactivity : 0
Specials conditions : 0

Legend: 4: Severe, 3: High, 2: Moderate, 1: Slightly, 0: Not hazardous

U.S. Federal regulations

California proposition 65 requirements : Not listed

SARA section 313 (specific toxic chemical listings) : Not listed

CERCLA reportable quantity : Not listed

Sections 302-304 reportable quantity : Not listed

Community Right-to-Know (Sections 311 and 312) : Reproductive toxicity

Section 16. Additional information

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Version :

1.1

Elaborated by :

Toxyscan inc.

Notice to reader :

To the best of our knowledge, the information contained herein is accurate. However, neither Toxyscan inc., nor the supplier, nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

This safety data sheet has been prepared in accordance with the OSHA (USA), WHMIS (Canada) / GHS classification rules in effect at the time of writing.