

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product name: LinoGuard Floor Stripper

Recommended use: Floor stripper

Manufacturer: EnviroWay Detergent Manufacturing Incorporated
2241 Hanselman Ave.
Saskatoon, SK S7L 6A7, Canada
Tel: 306-244-7727
Fax: 306-244-7772
Toll free: 1-888-274-0862, www.envioway.ca

Emergency phone:

Leak and Spill: 1-800-667-7525 (SASK SPILLS) for the Province of Saskatchewan
1-866-845-6037 (Environment Canada) for anywhere else

In Transit: 1-613-996-6666 or *666 on cellular phone (CANUTEC)

Poison Control: 1-866-454-1212 (Saskatchewan)

SECTION 2: HAZARD IDENTIFICATION

Hazard classification

Acute toxicity – oral	Category 5
Acute toxicity – dermal	Category 5
Skin corrosion/irritation	Category 2
Serious eye damage/irritation	Category 2

Signal word Warning



Hazard statements

May be harmful if swallowed.
May be harmful in contact with skin.
Causes skin irritation.
Causes serious eye irritation.

Precautionary statements

Prevention Wash hands thoroughly after handling.
Wear protective gloves, eye protection and face protection.

Response IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Call a POISON CENTER/doctor if you feel unwell.

SECTION 3: COMPOSITION

The following ingredients have hazardous properties:

Ingredient	CAS #	% by weight
Diethylene glycol monobutyl ether	112-34-5	40-50
Glycol ether EB	111-76-2	20-30
2-phenoxyethanol	122-99-6	5-10
Sodium xylene sulfonate	1300-72-7	1-5
Sodium bicarbonate	144-55-8	1-5
Monoethanolamine	141-43-5	1-5

Ingredients not shown are either not hazardous or present below cut-off values. Ranges shown are due to batch-to-batch variation.

SECTION 4: FIRST AID MEASURES

IF SWALLOWED: Get medical advice/attention if you feel unwell.

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If irritation occurs, seek medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If irritation persists, seek medical attention.

IF exposed or concerned: Get medical advice/attention if you feel unwell.

SECTION 5: FIRE FIGHTING MEASURES

Flammable: No

Means of Extinction: Use extinguishing media suitable for surrounding fire.

Flashpoint: Not available

Special Fire Fighting Procedures: Use water spray to keep containers cool. Fire fighters should wear self-contained breathing apparatus and full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures: Flush liquid to sewer with plenty of water if the spill is small. Large spills should be contained by diking with soil or other non-combustible absorbent material and then put into UN rated containers.

SECTION 7: HANDLING AND STORAGE

Handling Procedures and Equipment: Avoid contact with skin and eyes.

Storage Requirements: Store locked up. Store in a dry, cool, well-ventilated area and away from direct sunlight. Store in original container with closed lid, away from incompatible materials such as strong oxidizing agents. Avoid food contamination.

SECTION 8: PERSONAL PROTECTION

Ingredient	Exposure limit – ACGIH	Exposure limit – OSHA	Exposure limit – IDLH
Diethylene glycol monobutyl ether	10 ppm	Not available	Not available
Glycol ether EB	TLV 20ppm / 96mg/m ³	PEL 25ppm / 120mg/m ³ (skin)	Not available
2-phenoxyethanol	Not available	Not available	Not available
Sodium xylene sulfonate	Not available	Not available	Not available
Sodium bicarbonate	Not available	Not available	Not available
Monoethanolamine	TLV 3ppm / 7.5mg/m ³ , STEL 6ppm / 15mg/m ³ ,	PEL 3ppm / 7.5mg/m ³ , STEL 3ppm / 15mg/m ³	Not available

Gloves: Chemical resistant gloves.

Respirator: Not required under normal usage.

Eye: Safety glasses should be worn while product is being handled.

Clothing: Not required under normal usage.

Other (Specify): An eye wash and safety shower should be kept handy in case of emergency.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid

Odour: Solvent

Odour Threshold (ppm): Information not available

pH: 10.3

Freezing Point: Information not available

Initial Boiling Point/Range: Information not available

Flash point: Information not available

Evaporation Rate: Information not available

Flammability: Not flammable

Upper/lower flammability/explosive limit: Information not available

Vapour Pressure (mmHg): Information not available

Vapour Density (air = 1): Information not available

Relative density: Information not available

Solubility in Water: Soluble

Partition coefficient: Information not available

Auto-ignition temperature: Information not available

Decomposition temperature: Information not available

Viscosity: Information not available

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable

Hazardous Polymerization: Will not occur.

Materials to Avoid: Harsh chemical substances such as strong acids or oxidizing agents.

Hazardous Decomposition Products: Oxides or terpene, carbon monoxide and carbon dioxide in case of fire.

SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	LD50 oral (mg/kg) (rat)	LD50 dermal (mg/kg)	LC50 inhalation (mg/L)
Diethylene glycol monobutyl ether	2200	2700	Not available
Glycol ether EB	470	400	486
2-phenoxyethanol	1260	>2218	Not available
Sodium xylene sulfonate	7200	2000	Not available
Sodium bicarbonate	4220	Not available	4.74
Monoethanolamine	1515	1025	>1212

EFFECTS OF ACUTE EXPOSURE:

Ingestion: May be harmful if swallowed.

Skin Contact: May be harmful in contact with skin. Causes skin irritation.

Eye Contact: Causes serious eye irritation.

Inhalation: May cause coughing, headaches, vomiting or nausea.

Germ cell mutagenicity: Not applicable

Carcinogenicity: Not applicable

Reproductive toxicity: Not applicable

STOT single exposure: Not applicable

STOT repeated exposure: Not applicable

Aspiration hazard: Not applicable

Routes of exposure: Ingestion, inhalation, skin/eye exposure

EFFECTS OF CHRONIC EXPOSURE:

Skin Contact: Not known.

Eye Contact: Not known.

Ingestion: Not known

Numerical measures of toxicity:

Oral: LD50 3,440 mg/kg

Dermal: LD50 4,260 mg/kg

Inhalation: LC50 9,250 mg/L

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Ingredient	Fish	Crustaceans	Algae
Diethylene glycol monobutyl ether	LC ₅₀ (48h): 1805-2304 mg/L (Leuciscus idus)	LC ₅₀ (24h): 2.85 mg/L (Daphnia magna)	Not available

Glycol ether EB	LC ₅₀ (96h): 1490 mg/L (Lepomis macrochirus)	EC ₅₀ (24h): 1700mg/L (Daphnia magna)	EC ₅₀ : 720 mg/L (Pseudokirchnerella subcapitata)
2-phenoxyethanol	LC ₅₀ (96h): 344 mg/L (Pimephales promelas)	Not available	Not available
Sodium xylene sulfonate	LC ₅₀ (96h): >1000 mg/L	EC ₅₀ (48h): >40.3 mg/L (Daphnia)	EC ₅₀ (96h): >230 mg/L
Sodium bicarbonate	LC ₅₀ (96h): 7,100 mg/L (Oncorhynchus mykiss)	LC ₅₀ (48h): 1640 mg/L (Daphnia magna)	Not available
Monoethanolamine	LC ₅₀ (96h): 150 mg/L (Oncorhynchus mykiss)	LC ₅₀ (24h): 140 mg/L (Daphnia magna)	Not available

Persistence and Degradability: Expected to be biodegradable.

Bioaccumulation/Accumulation: No information available.

Mobility: No information available.

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of in accordance with local regulations at government approved waste sites.

SECTION 14: TRANSPORT INFORMATION

Special Shipping Information: None

TDG (Canada)

TDG Proper Shipping Name: Not regulated

Hazard Class: Not regulated

UN Number: Not regulated

Packing Group: Not regulated

Note: No additional remark.

Marine Pollutant: None

SECTION 15: REGULATORY INFORMATION

Canadian DSL Inventory Status: All ingredients are specified on the Domestic Substances List or exempt

SECTION 16: OTHER INFORMATION

Disclaimer – Notice to Reader

EnviroWay Detergent Manufacturing Incorporated, expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages. Do not use ingredient information and/or ingredient percentages in this SDS as a product specification.

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, EnviroWay makes no representations as to its accuracy or sufficiency. Conditions of use are beyond EnviroWay's control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.