

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product name: Ultra Strip (#734)

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

Skin corrosion/irritation Category 1

Serious eye damage/irritation Category 1

Signal word Danger



Hazard statements

May be harmful if swallowed.

Causes skin irritation

Causes serious eye damage.

Precautionary statements

Prevention Wash hands thoroughly after handling.

Wear protective gloves, protective clothing, eye protection, and face protection.

Do not breathe mist, vapours or spray.

Response IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse.

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

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTRE or doctor/physician.

Storage

Store locked up.

Disposal

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

SECTION 3: COMPOSITION

The following ingredients have hazardous properties:

Ingredient	CAS #	% by weight
Disodium metasilicate	6834-92-0	1-5
Tetrasodium EDTA	64-02-8	1-5
Glycol ether EB	111-76-2	10-20
Sodium xylene sulfonate	1300-72-7	1-5
Monoethanolamine	141-43-5	10-20
Potassium hydroxide	1310-58-3	<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: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTRE/doctor.

IF ON SKIN (or hair): Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Immediately call a POISON CENTER or doctor/physician.

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

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTRE or doctor/physician.

SECTION 5: FIRE FIGHTING MEASURES

Flammable: Yes

Means of Extinction: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Do not use a direct water stream.

Flashpoint: Information 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: Remove all the ignition sources. Recover free liquid. Ventilate the affected area. Wear protective equipment including rubber boots and rubber gloves. Always wear eye protection. For small spills or drips, wipe up and dispose off in DOT approved containers. For larger spills, contain by surrounding with soil or other non-combustible sorbent material and then pump into DOT approved waste containers. Or absorb with non-combustible sorbent material, place residue in DOT approved waste containers. Keep out of sewers, storm drains, surface waters and soils. Flush area with water after the material is absorbed. After dilution with water, the material can be neutralized.

SECTION 7: HANDLING AND STORAGE

Handling Procedures and Equipment: Handle in accordance with good industrial hygiene. Avoid contact with skin and eyes.

Storage Requirements: Store in normal room temperature and a well-ventilated place away from incompatible materials. Keep containers tightly closed when not in use. Wash thoroughly after handling.

*****KEEP OUT OF REACH OF CHILDREN*****

SECTION 8: PERSONAL PROTECTION

Ingredient	Exposure limit – ACGIH	Exposure limit – OSHA	Exposure limit – IDLH
Disodium metasilicate	Not available	Not available	Not available
Tetrasodium EDTA	Not available	Not available	Not available
Glycol Ether EB	TLV 20ppm / 96mg/m ³	PEL 25ppm / 120mg/m ³ (skin)	Not available
Sodium Xylene Sulfonate	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
Potassium hydroxide	Not available	Not available	Not available

Gloves: Use rubber or plastic gloves.

Respirator: Use NIOSH/MSHA approved equipment (full face-pipe recommended) when air-borne exposure limits are exceeded. If used, full face pipe replaces need for face shield and chemical goggles. A respirator is not normally required if used under no vapours or mists.

Eye: Use chemical safety glasses if chances of splashes.

Clothing: Wear long sleeved shirt and trousers. Wear face shield and a chemical resistant apron that provides a barrier when splashing is likely. Launder contaminated clothing and clean protective equipment before reuse.

Other (Specify): Keep eye wash and safety shower available nearby.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Bright yellow liquid

Odour: Mild chemical scent

Odour Threshold (ppm): Information not available

pH: 13.1

Freezing Point: Not available

Initial Boiling Point/Range: Information not available

Flash point: Expected to be >65°C and < 93°C

Evaporation Rate: Information not available

Flammability: Combustible liquid

Upper/lower flammability/explosive limit: Information not available

Vapour Pressure (mmHg): Information not available

Vapour Density (air = 1): Information not available

Relative density: 1.22

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: Avoid strong oxidizers, strong acids, halogenated solvents, open flames, welding arcs, or other high temperature sources.

Hazardous Decomposition Products: May liberate carbon dioxide, carbon monoxide or nitrogen oxides

SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	LD50 oral (mg/kg) (rat)	LD50 dermal (mg/kg)	LC50 inhalation (mg/L)
Disodium metasilicate	1280	Not available	Not available
Tetrasodium EDTA	Not available	Not available	Not available
Glycol Ether EB	470	400	486
Sodium Xylene Sulfonate	7200	2000	Not available
Monoethanolamine	1515	1025	>1212
Potassium hydroxide	273	Not available	Not available

EFFECTS OF ACUTE EXPOSURE:

Skin Contact: Can cause severe skin burns.

Eye Contact: Causes serious eye damage. Corneal injury is also possible and that may result in blindness.

Inhalation: Vapours are irritating to the eyes, nose and throat.

Ingestion: May be harmful if swallowed. Causes headaches, dizziness, nausea, vomiting, burning in mouth, stomach cramps, and diarrhoea.

Germ cell mutagenicity: Not applicable

Carcinogenicity: Ethylene Glycol Monobutyl Ether is listed as an IARC Group 3 carcinogen: not classifiable as to its carcinogenicity in humans

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 3,299 mg/kg

Dermal: LD50 4,030 mg/kg

Inhalation: LC50 6,166 mg/L

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Ingredient	Fish	Crustaceans	Algae
Disodium metasilicate	LC ₅₀ (96h): 210mg/L (Danio rerio)	EC ₅₀ (48hr) 1700mg/L (Daphnia magna)	EC ₅₀ (72h): 207mg/L (Desmodesmus subspicatus)
Tetrasodium EDTA	LC ₅₀ (96h): > 500 mg/L (Leuciscus idus)	EC ₅₀ (48h): > 100 mg/L	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)
Sodium Xylene Sulfonate	LC ₅₀ (96h): >1000 mg/L	EC ₅₀ (48h): >40.3 mg/l (Daphnia magna)	EC ₅₀ (96h): >230 mg/L
Monoethanolamine	LC ₅₀ (96hr): 176mg/litre (Oncorhynchus mykiss)	EC ₅₀ (48h) 76mg/L (Daphnia magna)	EC ₅₀ :18mg/L (Scenedesmus subspicatus)
Potassium hydroxide	LC ₅₀ (96 hrs): 80mg/L (Mosquito fish)	EC ₅₀ (48 h): 60mg/L (Daphnia magna)	Not available

Persistence and Degradability: No information available.

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: Corrosive liquid, basic, inorganic, n.o.s. (Potassium hydroxide)

Hazard Class: Class 8

UN Number: UN3266

Packing Group: III

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

California Proposition 65: This product does not contain any chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm at concentrations that trigger the warning requirements of California Proposition 65.

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.