



Material Safety Data Sheet

Ultra Strip

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Ultra Strip
Synonyms: none
Chemical Family: none known
Application: Floor Stripper

Manufactured By:
Genesis Chemicals
602 – 13th St SE
Medicine Hat, AB
T1A 1X3

Prepared by: The Environmental, Health and Safety Department of Genesis Chemicals Ltd
Preparation Date of MSDS: October 28, 2016
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2. HAZARDS IDENTIFICATION

Eye Contact: May irritate eyes

Skin Contact: May cause slight skin irritation. Prolonged or repeated contact may cause defatting and drying of the skin.

Inhalation: Irritating to the nose, throat and respiratory tract. May cause coughing. May cause headache.

Ingestion: May cause headache, dizziness, nausea, vomiting, gastrointestinal irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percentage (w/w)	LD50s and LC50s Route & Species
Sodium Hydroxide 1310-73-2	5-20	Oral LDLo Rabbit = 500 mg/kg
Monoethanolamine 141-43-5	5-20	Oral LD50 (Rat) 1720 mg/kg Oral LD50 (Guinea pig) 620 mg/kg Oral LD50 (Mouse) 700 mg/kg Dermal (Rabbit) 1018 mg/kg Inhalation LC50, 4 hrs, (Mouse) >1210 mg/m3
2-(2-butoxyethoxy)ethanol	5-20	Dermal LD50 (Rabbit) 2700 mg/kg Oral LD50 (Rat) 3384 mg/kg
Proprietary Component, Trade Secret	5-20	Not Available

4. FIRST AID MEASURES

Eye Contact: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

Skin Contact: Remove contaminated clothing and launder before reuse. Wash contaminated skin with mild soap and water for 15 minutes. Get medical attention if irritation persists.

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth if victim is rapidly losing consciousness, unconscious or convulsing. Get immediate medical attention.

Notes to Physician: No specific antidote. Treatment based on sound judgment of physician and individual reactions of patient.

5. FIRE FIGHTING MEASURES

Flash Point: >49°C/120°F

Autoignition Temperature: Not Established

Flammable Limits in Air (%): Not Established

Extinguishing Media: Use dry chemicals, CO₂, alcohol foam or water spray

Special Exposure Hazards: This product can produce flammable vapors which may travel to a source of ignition and flash back.

Hazardous Decomposition/Combustion Materials (under fire conditions): Carbon monoxide. Carbon dioxide.

Special Protective Equipment: Fire fighters should wear full protective clothing, including self-contained breathing equipment.

NFPA RATINGS FOR THIS PRODUCT ARE: HEALTH 1, FLAMMABILITY 2, INSTABILITY 0

HMS RATINGS FOR THIS PRODUCT ARE: HEALTH 1, FLAMMABILITY 2, REACTIVITY 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures: Use appropriate safety equipment.

Environmental Precautionary Measures: Prevent entry into sewers or streams, dike if needed.

Procedure for Clean Up: Ventilate area. Isolate spill and stop leak where safe. Eliminate all ignition sources. Absorb with an inert dry material and place in an appropriate waste disposal container. Spilled material may cause floors and contact surfaces to become slippery.

7. HANDLING AND STORAGE

Handling: Avoid prolonged contact with eyes or prolonged skin contact. Do not ingest. Use good personal hygiene. Handle and open containers with care. Keep away from heat, sparks and flame. Use with adequate ventilation. Drum lining may occasionally chip and fall to bottom of container after long storage or excessive handling. As a precaution, pour liquid through filter/strainer to catch small pieces of liner before blending or repackaging. Keep the containers closed when not in use. Do not cut, drill, grind, weld or perform similar operations on or near containers. Partially filled containers should be blanketed with nitrogen.

Storage: Store in a cool, dry, well-ventilated area, away from heat and ignition sources. Place away from incompatible materials. Store in accordance with good industrial practices.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Local exhaust ventilation as necessary to maintain exposures to within applicable limits.

Respiratory Protection: If exposure exceeds occupational exposure limits, use an appropriate NIOSH-approved respirator. Organic vapor respirator.

Gloves: Nitrile gloves.

Skin Protection: The selection of personal protective equipment varies depending upon conditions of use. Impervious clothing.

Eyes: Chemical goggles; also wear a face shield if splashing hazard exists.

Other Personal Protection Data: Ensure that eyewash stations and safety showers are proximal to the work-station location.

Ingredients	Exposure Limit – ACGIH	Exposure Limit – OSHA	Immediately Dangerous to Life or Health - IDLH
Sodium Hydroxide	2 mg/m ³ Ceiling	2 mg/m ³ Ceiling	10 mg/m ³
Monoethanolamine	6 ppm STEL 3 ppm TLV-TWA	3 ppm TWA 8 mg/m ³ TWA 6 ppm STEL 15 mg/m ³ STEL	30 ppm
2-(2-butoxyethoxy)ethanol	20 ppm (98 mg/m ³) TLV-TWA	50 ppm (240 mg/m ³) PEL-TWA	700 ppm
Proprietary Component	Not available	Not available	Not available

9. EXPOSURE CONTROLS/PERSONAL PROTECTION

Physical State: Liquid.
Color: Amber/yellow
Odor: Distinct.
pH: Not Available.
Specific Gravity: 1.00-1.10 kg/L @ 20°C
Boiling Point: Not Available
Freezing/Melting Point: Not Available
Vapor Pressure: Not available
Vapor Density: Not available
% Volatile by Volume: Not Available.
Evaporation Rate: Not Available
Solubility: Insoluble.
VOCs: Not Available.
Viscosity: Not Available
Molecular Weight: Not Available.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Excessive heat, open flames and all ignition sources.
Materials to Avoid: Oxidizing agents.
Hazardous Decomposition Products: Carbon monoxide. Carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Principle Routes of Exposure

Ingestion: May cause headache, dizziness, nausea, vomiting, gastrointestinal irritation.

Skin Contact: May cause slight skin irritation. Prolonged or repeated contact may cause defatting and drying of the skin.

Inhalation: Irritating to the nose, throat and respiratory tract. May cause coughing. May cause headache.

Eye Contact: May irritate eyes.

Additional Information: Excessive exposure to 2-butoxyethanol may cause hemolysis, thereby impairing the blood's ability to transport oxygen. Prolonged and repeated contact with the skin can cause defatting and drying of the skin resulting in skin irritation and dermatitis. Repeated inhalation or ingestion may cause central nervous system and gastrointestinal disturbances.

Acute Test of Product:**Acute Oral LD50:** Not available.**Acute Dermal LD50:** Not available.**Acute Inhalation LC50:** Not Available.**Carcinogenicity:**

Ingredients	IARC - Carcinogens	ACGIH – Carcinogens
Sodium Hydroxide	Not listed	Not listed
Monoethanolamine	Not listed	Not listed
2-(2-butoxyethoxy)ethanol	Not listed	Not listed
Proprietary Component	Not listed	Not listed

Reproductive Toxicity/ Teratogenicity/ Embryotoxicity/ Mutagenicity: Not available

12. ECOLOGICAL INFORMATION

Ecotoxicological Information:

Ingredients	Ecotoxicity – Fish Species Data	Acute Crustaceans Toxicity:	Ecotoxicity – Freshwater Algae Data
Sodium Hydroxide	LC50 (Rainbow Trout) 1149 mg/l LC50 (Chinook Salmon) 152 mg/l	Not Available	Not Available
Monoethanolamine	114 - 196 mg/L LC50 (Oncorhynchus mykiss) 96 h static 300 - 1000 mg/L LC50 (Lepomis macrochirus) 96 h static 227 mg/L LC50 (Pimephales promelas) 96 h flow-through 3684 mg/L LC50 (Brachydanio rerio) 96 h static 200 mg/L LC50 (Oncorhynchus mykiss) 96 h flow-through	Not Available	15 mg/L EC50 Desmodesmus subspicatus 72 h
2-(2-butoxyethoxy)ethanol	LC50 (bluegill) 1300 mg/L LC50 (goldfish) 2700 mg/L	Not Available	Not Available
Proprietary Component	Not Available	Not Available	Not Available

13. DISPOSAL CONSIDERATIONS

Disposal of Waste Method: Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations.

Contaminated Packaging: Empty containers should be recycled or disposed of through an approved waste management facility.

14. REGULATORY INFORMATION

U.S. TSCA Inventory Status: All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

Canadian DSL Inventory Status: All components of this product are either on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.

Note: Not available.

WHMIS Hazardous Class:

D2B TOXIC MATERIALS
E CORROSIVE MATERIAL



15. OTHER INFORMATION

Additional Information: This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

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*****END OF MSDS*****