




# Safety Data Sheet

## SECTION 1: Identification

<b>Identifier Code(s):</b>	<b>21101</b>
<b>Product Name:</b>	<b>Eco-Strip</b>
<b>Manufactured By:</b>	<b>Pro Services International LLC</b> 5940 S Rainbow Blvd Las Vegas, NV 89118 702-979-7276  <b>E-Mail: <a href="mailto:info@proserv-international.com">info@proserv-international.com</a></b>
<b>Product Use:</b>	Institutional Urethane Remover, as classified under Consumer Goods Regulations
<b>Restrictions for Use:</b>	Application and sale for Institutional/Commercial use only. Not for retail sale.
<b>Emergency Contact Information</b>	<b>INFOTRAC</b> 1-800-535-5053 Outside US and Canada 1-352-323-3500 <b>NOTE:</b> INFOTRAC and National Response Center emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals.

## SECTION 2: Hazard(s) Identification

<b>Hazard Classification:</b>	Category 4
<b>Signal Word:</b>	Warning
<b>Symbol(s) of Product:</b>	
<b>Hazard Statement(s):</b>	<p>H313 May be harmful in contact with skin</p> <p>H303 May be harmful if swallowed</p> <p>H315 Causes skin irritation</p> <p>H320 Causes eye irritation</p>
<b>Precautionary Statement(s):</b>	<p>P102 Keep out of reach of children.</p> <p>P280 Wear protective gloves/eye protection.</p> <p>P301+P330+P331 IF SWALLOWED, Rinse mouth. Do NOT induce vomiting.</p> <p>P332+P353 If skin irritation occurs, rinse skin with water/shower.</p> <p>P342+P340 If experiencing respiratory symptoms, remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338+P337+ P313 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/attention.</p>
<b>Mixture content percentage of unknown toxicity:</b>	0%

## SECTION 3: Composition / Information on Ingredient(s)

<b>Substance or Mixture:</b>	Mixture
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Hazardous Ingredients	CAS Number	% WT	GHS Classification
Proprietary Mixture	Trade Secret	19.0%	Acute Toxicity Oral Category 4; Acute Toxicity Inhalation Category 4; Eye irritation Category 2A; Acute aquatic toxicity Category 2; Skin Sensitizer Category 1
2-Dimethylaminoethanol	108-01-0	2-4%	Flammable Liquids Category 3, Oral Category 4, Inhalation Category 3, Dermal Category 4, Skin corrosion Category 1B, Eye Damage Category 1, Aquatic Category 3

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified hazardous to health or the environment.

#### SECTION 4: First-Aid Measures

##### Description of First-Aid Measures

Move to safe area. Treat symptomatically. If you feel unwell, seek medical advise immediately. No action shall be taken involving any personal risk or without suitable training.

**Inhalation** If signs of dizziness; remove the affected person to fresh air. If symptoms persist; seek medical attention.

**Skin Contact** Remove contaminated clothing. Thoroughly flush and wash affected area with soap and water. Launder contaminated clothing before reuse. If irritation persists, seek medical attention. Wash affected clothing before reuse.

**Eye Contact** Rinse eyes under running water immediately. Check for and remove contact lenses, if found. Continue to flush eyes under clean clear running water for 15 minutes while holding eyes open. Lift eyelids periodically when rinsing. If irritation persists, seek medical attention.

**Ingestion** Rinse mouth out with water. Do not swallow rinse. Give two glasses of water for dilution. DO NOT induce vomiting. Never give anything by mouth to an unconscious person; seek medical attention.

##### Most important symptoms and effects, both acute and delayed

Use of this product should not be combined with citrus based products, this will cause an allergic reaction to the eyes. In addition, known cases when used to remove epoxy based finishes can cause chemical reaction, also resulting in an allergic reaction to the eyes. If an allergic reaction occurs (haze or halo in vision) discontinue use. Move to a well ventilated area. Apply allergy drops to eyes. Seek medical attention if symptoms persist.

#### SECTION 5: Fire-Fighting Measures

**Suitable Extinguishing Media** Use carbon dioxide, all purpose dry chemical, water, water fog, or chemical foam; polymer foam is preferred for large fires. Product is not considered flammable or combustible by WHMIS/OSHA criteria.

**Hazards Developed due to Fire** None known

**Advice for Firefighters** Firefighters should wear self-contained breathing apparatus. Floor may become slippery if material is released, caution is advised.

#### SECTION 6: Accidental Release Measures

**Personal Precautions and Protective Equipment** Use protective equipment; gloves, eye protection, and shoe covers.

**Emergency Procedures**

Protect area from further release of spread. This product does not pose any threat to area personnel.

**Material Containment**

Prevent further spread of product to surrounding area(s), including into drains.

**Clean-up Procedures**

Use absorbent materials to mop up spill. Allow product in absorbent materials to dry before disposal into standard trash. Do not dispose of liquid material into standard trash. Clean mop area with appropriate cleaning chemical after spill is removed.

**SECTION 7: Handling and Storage****Precautions for Handling**

Do not use with citrus based chemicals. This may result in a chemical reaction resulting in a 'halo' or haze to vision. Avoid contact with skin and eyes. Do not swallow. Handle container with care. When using do not eat or drink. Wash hands before eating, drinking, or smoking. See Section 2 for precautions.

**Safe Storage**

Do not store in extremely high temperatures, above 115°F (46°C). Do not store in area below 32°F (0°C). Keep out of the reach of children. Keep container tightly closed. Keep away from food, drink animal feeding stuffs. Protect containers from abuse.

**SECTION 8: Exposure Controls / Personal Protection****Exposure Limits - Components with Workplace Control Parameters**

Substance	Results	ACGIH	NIOSH	OSHA	AIHA (WEEL)
Propriety mixture	Not Established				
2-Dimethylaminoethanol	TWA				25ppm

Key to Abbreviations:

STEL= Short Term Exposure Limits based on 15-minute exposures

TWA= Time-Weighted Average based on 8h/day, 40h/week

ACGIH= American Conference of Government Industrial Hygiene

NIOSH= National Institute of Occupational Safety and Health

OSHA= Occupational Safety and Health Administration

TLV= Total Limit Volume

AIHA= American Industrial Hygiene Association

**Engineering Controls**

Handle and apply / use product in a work area that has positive and / or air flow. Avoid unventilated areas. Use fans when necessary.

**Personal Protective Measures****Eye/Face Protection**

Use ANSI, NIOSH or European Standard EN166 approved safety glasses.

**Skin Protection:**

Impervious gloves recommended for general protection. Nitrile gloves are appropriate.

**Respiratory Protection:**

Not required

**General Hygiene Considerations:**

Handle according to established industrial hygiene and safety practices. Avoid contact with eyes and skin. Thoroughly wash after handling and before eating or drinking. There are no known hazards associated with this material when used as recommended.

**SECTION 9: Physical and Chemical Properties****Physical State:**

Semi-Paste

**Color:**

White to slightly amber

<b>Viscosity:</b>	Not Applicable
<b>Solubility:</b>	Soluble in water
<b>Specific Gravity:</b>	1.04
<b>Weight Solids (theoretical):</b>	Not Applicable
<b>Volume Solids (theoretical):</b>	Not Applicable
<b>Odor:</b>	Mild
<b>Odor Threshold:</b>	Non-Determined
<b>Vapor Pressure (mmHg):</b>	Not Established
<b>Vapor Density (Air=1)</b>	Heavier than Air
<b>pH :</b>	10.5- 11.0
<b>Melting Point:</b>	Not Determined
<b>Freezing Point:</b>	< 0 deg F. Freeze/Thaw Stable to neg (-) 25 deg F
<b>Boiling Point and Range:</b>	Not Established
<b>Flashpoint:</b>	Not Established
<b>Evaporation Rate:</b>	Not Established
<b>Flammability (solid, gas):</b>	Non-Flammable
<b>Upper / Lower Flammability Rate:</b>	Not Applicable
<b>Auto-Ignition Temperature:</b>	Not Applicable
<b>Partition Coefficient (n-octanol/water):</b>	Not Established
<b>Decomposition Temperature:</b>	Not Established
<b>Volatile Organic Compounds g/l:</b>	Not Established for Architectural use or Regulations <b>Architectural Rule 1113</b>
<b>Volatile Organic Compounds % :</b>	0% <b>Consumer Goods Regulations</b>

#### SECTION 10: Stability and Reactivity

<b>Reactivity:</b>	Not Reactive
<b>Chemical Stability:</b>	Stable. No known instability under normal storage conditions.
<b>Other:</b>	
<b>Hazardous Decomposition or By-Products</b>	Decomposition will not occur if handled and stored properly. In case of a fire, carbon dioxide and carbon monoxide and smoke may be produced.
<b>Possible Hazardous Reactions:</b>	No not use with di'limonene based chemicals. This will result in an allergic reaction to the eyes. When used to remove some epoxy based products, an allergic reaction to the eyes may occur.
<b>Conditions to avoid</b>	Extreme temperatures will cause shortened shelf life of product.
<b>Incompatible Materials</b>	Non-water miscible substances.

#### SECTION 11: Toxicological Information

##### Acute Toxicity

Substance	LC50 - Inhalation	LD50 - ORAL	LD50 - DERMAL

Proprietary Mixture	No Data Available	>1600 mg/kg Rat	No Data Available
2-Dimethylaminoethanol	1641 ppm - 4hr Rat (male)	1182.7 mg/kg - Rat (male and female)	1219 mg/kg Rabbit (male)

**Chronic Effects**

Substance	Skin Corrosion / Irritation	Eye Irritation / Damage	Respiratory or Skin sensitisation	Germ Cell Mutagenicity	Target Organs	Carcinogen or Potential
Proprietary Mixture	Skin Irritation	Eye Irritation	No Data Available	No Data Available	No Data Available	No Data Available
2-Dimethylaminoethanol	Corrosive Rabbit - 1hr	Corrosive - Rabbit	Corrosive 1hr - Rabbit - Buehler Test - No sensitisation	Hamster Ovary - Result Negative	Destructive to mucus membrane	Not Classified as

**SECTION 12: Ecological Information****Aquatic and or Terrestrial Organism Tests Toxicity Tests**

Substance	Test	Species	Results
Proprietary Mixture	LC50		No Data
	EC50		No Data
2-Dimethylaminoethanol	LC50	Leuciscus idus	100-220 mg/l 96hr
	LC50 Static	Leuciscus idus	146.63 mg/a 96hr
	EC50 Static	Desmodesmus subspicatus	66.08 mg/l 72hr
	EC50 Static	Daphnia magna	98.37 mg/l 48hr

**Persistence and Degradability - Not Biodegradability**

Substance	Test	Type	Duration or Dose	Result	Class
Proprietary Mixture	Estimated		28 d	90% +	BOD
2-Dimethylaminoethanol	Aerobic		14 d	60.5%	Readily BOD

**Bio accumulative Potential - According to data on the substances, not potentially bioaccumulative**

No data available

**Potential to Move from Soil to Groundwater**

No data available

**Other Adverse Effects**

Substance	Test	Type	Results	Organism Tested	Reference for Ecological Effect
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No other data available					
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Other Information:

This product is classified as: Harmful to organisms, may cause long-term adverse effects in the aquatic environment

**SECTION 13: Disposal Considerations**

All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Waste compliance with applicable laws are the responsibility solely of the waste generator. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Dispose of liquid surplus product via a licensed waste disposal contactor. Do not dispose of liquid product in landfill. See Section 8 for information on appropriate personal protective equipment.

**SECTION 14: Transport Information**

<b>DOT (US)</b>	Not regulated as a dangerous goods
<b>TGA Classification</b>	Not regulated as a dangerous goods
<b>Mexico Classification</b>	Not regulated as a dangerous goods
<b>IMDG-Code</b>	Not regulated as a dangerous goods
<b>IATA-DGR</b>	Not regulated as a dangerous goods
<b>49 CFR</b>	Not regulated as a dangerous goods

**SECTION 15: Regulatory Information**

**US Federal Regulations**

**OSHA Hazard Communication Standard (CFR29 1910.1200)** NOT Hazardous Chemical

**CERCLA - Comprehensive Response Compensation and Liability Act:** None

**California Proposition 65:** This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**TSCA - Toxic Substances Control Act:** All components of this product and on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30.

**USA - Clean Air Act**

**Superfund Amendments and Reauthorization Act of 1986 Title III**

SARA Section	313	302	311/312
Proprietary Mixture	No	No	No SARA Harards
2-Dimethylaminoethanol	No	No	Fire Hazard / Acute Health Hazard,

**State Right-to-Know:**

Substance	California Prop 65	Mass-achusetts	New Jersey	Penn-sylvania	Rhode Island
Proprietary Mixture	No				
2-Dimethylaminoethanol	No	Yes	Yes	Yes	Yes

**SECTION 16: Other Information**

**Date of Original** 6.6.2024

**Revision Date****Reason for Revision****Notice to the Reader**

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third party/persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.