




# Safety Data Sheet

## SECTION 1: Identification

<b>Identifier Code(s):</b>	<b>21110</b>
<b>Product Name:</b>	<b>MultiStrip RG</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>	Biodegradable institutional floor finish remover/stripper, 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>	Mixture
<b>Hazard Category</b>	Category 4
<b>Signal Word:</b>	Warning
<b>Symbol(s) of Product:</b>	
<b>Hazard Statement(s):</b>	
H303	May be harmful if swallowed
H315	Causes skin irritation
H320:	Causes eye irritation
H335:	May cause respiratory irritation
<b>Precautionary Statement(s):</b>	
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+352+P332+313	IF ON SKIN: Wash with plenty of water. If skin irritation occurs. Get medical advice/attention.
P301+P312+P330	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.
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.

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

Hazardous Ingredients	CAS Number	% WT	GHS Classification
Proprietary Mixture	Trade Secret	<13%	Cat 4 Harmful if swallowed; Cat 4 Harmful if inhaled; Cat 2B causes eye irritation
Proprietary Solvent	Trade Secret	<9%	Cat 4 Flammable liquid
2-dimethylaminoethanol	108-01-0	<4%	Cat 4 Harmful if swallowed; Cat 3 Toxic if inhaled; Cat 4 Acute toxicity dermal; Cat 4 Skin irritation; Cat 1 Serious eye damage; Cat 3 Flammable; Cat 3 Acute aquatic toxicity; Cat 1B Skin corrosion.

Surfactant	Trade Secret	<14%	Cat 4 Harmful if swallowed; Cat 2A Serious Eye Irritation; Cat 2 skin irritation; Cat 2 Acute aquatic toxicity; Cat 3 Acute aquatic toxicity, long term
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Mixture content percentage of unknown toxicity: 0%

#### 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.

<b>Inhalation</b>	If signs of dizziness; remove the affected person to fresh air. If symptoms persist; seek medical attention.
<b>Skin Contact</b>	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.
<b>Eye Contact</b>	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.
<b>Ingestion</b>	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

The most important known symptoms and effects are described in Section 2 and/or Section 11.

#### SECTION 5: Fire-Fighting Measures

<b>Suitable Extinguishing Media</b>	Use NFPA Class B Fire Extinguishers; 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.
<b>Hazards Developed due to Fire</b>	None known
<b>Advice for Firefighters</b>	Firefighters should wear self-contained breathing apparatus. Floor may become slippery if material is released, caution is advised.

#### SECTION 6: Accidental Release Measures

<b>Personal Protective Equipment</b>	Use protective equipment; gloves, eye protection, and shoe covers.
<b>Emergency Procedures</b>	Protect area from further release of spread. This product does not pose any threat to area personnel.
<b>Material Containment</b>	Prevent further spread of product to surrounding area(s), including into drains.
<b>Clean-up Procedures</b>	Use absorbent materials to mop up spill. This product is biodegradable. Use large amounts of water to dilute concentration. Clean up residue with water. This product is biodegradable. See section 8 for personal protection.
<b>Precautions for Handling</b>	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.
<b>Safe Storage</b>	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

Substance	Results	ACGIH	NIOSH	OSHA	WEEL
	STELs				

Proprietary Solvent	<b>TWAs</b>				225 ppm
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## 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

WEEL= Workplace Environmental Exposure Levels

OSHA= Occupational Safety and Health Administration

**Engineering Controls**

Handle and apply / use product in a work area with good airflow. Avoid unventilated areas. Use fans when necessary.

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

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

**Skin Protection:**

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

**Respiratory Protection:**

Not necessary

**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**

<b>Physical State:</b>	Liquid
<b>Color:</b>	Translucent white
<b>Viscosity:</b>	semi-paste
<b>Solubility:</b>	Soluble in water
<b>Relative Density / Specific Gravity:</b>	1.03
<b>Odor:</b>	Mild
<b>Vapor Density (Air=1)</b>	Heavier than Air
<b>pH :</b>	9.0-9.3
<b>Melting / Freezing Point:</b>	Not Established
<b>Boiling Point and Range:</b>	Not Established
<b>Flashpoint:</b>	Not Established
<b>Evaporation Rate:</b>	Not Established
<b>Volatile Organic Compounds (VOC):</b>	<9.0 % Consumer Goods Regulations

**SECTION 10: Stability and Reactivity**

<b>Reactivity:</b>	No anticipated hazards.
<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>	None Known
<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	Inhalation - PPM	LD50 - ORAL mg/kg	DERMAL mg/kg

2-dimethylaminoethanol	1641/4h - Rat (male)	1182.7 - Rat (m/f)	1219 - Rabbit
Surfactant	No Data Available	>550 - Rat	> 2000 - Rat

**Chronic Effects**

Substance	Skin Corrosion / Irritation	Eye Irritation / Damage	Skin sensitization	Germ Cell Mutagenicity	Target Organs	Carcinogen or Potential
Proprietary mixture	Rabbit 4h No irritation	Rabbit - no irritation	no data	none found	none known	none known
2-dimethylaminoethanol	Corrosive - 1h - Rabbit	Corrosive - 1h - Rabbit	Buhler Test - Guinea pig - NO skin sensitization	negative	mucous membrane / respiratory	none known
Surfactant	moderate irritation	brief irritation	none - Guinea pig	none found	unknown	none known

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

Substance	Test	Species	Results - mg/l hr.
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
Surfactant	LC50	Fish	5.6 / 96h
	EC50	algae	5.6 / 72h
	EC50	Water flea	2.8 / 48h

**Persistence and Degradability**

Substance	Test	Type	Duration or Dose	Result	Class
2-Dimethylaminoethanol			14 d	60.5%	Readily BOD
Proprietary solvent			28 d	31.0%	Inherently BOD
Surfactant			28 d	60.0%	Readily BOD

**Bioaccumulative 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
No other data available					

**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. This is a biodegradable product and is not hazardous for wastewater. See Section 8 for information on appropriate personal protective equipment.

#### SECTION 14: TRANSPORTATION 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

<b>OSHA Hazard Communication Standard (CFR29 1910.1200)</b>	NOT Hazardous Chemical
<b>CERCLA - Comprehensive Response Compensation and Liability Act:</b>	None
<b>TSCA - Toxic Substances Control Act:</b>	All components of this product and on the TSCA Inventory or are exempt from TSCA Inventory requirements
<b>Superfund Amendments and Reauthorization Act of 1986 Title III</b>	

SARA Section	313	302	311/312
2-Dimethylaminoethanol	No	No	Fire Hazard / Acute Health Hazard, Chronic Health Hazard
Proprietary Solvent	No	No	Chronic Health Hazard
Surfactant	No	No	Acute health hazard

#### State Right-to-Know:

Substance	California Prop 65	Mass-achusetts	New Jersey	PA
2-Dimethylaminoethanol	No	Yes	Yes	Yes
Proprietary Solvent	No	No	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.