

Ultra Stripper

High Performance, Low Odor Stripper



A Powerful Stripper

Ultra-Stripper is able to remove build-up of floor finishes with great efficiency. This highly active stripper cuts even heavily burnished films down to bare floors quickly. Ultra Stripper also works great for deep cleaning grouted tile floors.

A Safer Stripper

Ultra Stripper is safer to use than most conventional strippers. It is non-corrosive, does not contain butyl solvent, and has low odor. Green Seal certification is proof that Ultra Stripper is safer to use and safer for the environment.

A Labor Saver

Ultra-Stripper works great for autoscrub stripping of floors. It effectively attacks and liquefies finishes for easy pickup. Floors are stripped bare the first time, making Ultra Stripper the most cost effective stripper available. The product is also effective at stripping many types of semi-permanent seals.

Certified Floor Care System

Ultra-Stripper is a part of Multi-Clean's Certified Floor Care System, designed specifically for Green Cleaning programs. Ultra Stripper, combined with Clear Essence Seal/Finish and #5 Century Maintenance make up a complete Green Seal Certified Floor Care Program.



This product meets the Green Seal™ environmental standard for industrial and institutional cleaners based on its reduced human and environmental toxicity and reduced volatile organic compound contents.

Learn More.....at www.multi-clean.com

- Training materials: Multi-Clean Method Bulletin 1415 provides detailed floor care procedures.
- Green Link: Learn about green cleaning procedures and requirements.



WARNING & DISCLAIMER: Results may vary. Multi-Clean chemicals are to be used only by appropriately trained personnel. IMPROPER USE POSES RISK OF PHYSICAL INJURY OR PROPERTY DAMAGE. See appropriate Multi-Clean Method Bulletin for further warnings and information for your application. The suitability of and proper application of this product is the responsibility of the applier. The manufacturer disclaims all warranties, express and implied, including any warranties of MERCHANTABILITY AND FITNESS OF PURPOSE. The manufacturer's liability is limited to replacement of or reimbursement for any product proved defective. No person has authority to waive these disclaimers or make any representations or warranties on behalf of the manufacturer, except in writing signed by the manufacturer.



WARNING: Wear water repellent/slip resistant footwear. Wear rubber gloves to prevent skin contact when using by hand. Do not use on Asphalt Tile.

Properties

Appearance Clear, Amber Liquid
 Odor Fresh Fragrance
 % Active 45%

Dilution Rates

1:2 (64 oz./gal) For semi-permanent coatings or heavy build-up of conventional finish.
 1:4 (32 oz./gal.) Moderate build-up of conventional finish
 1:8 (16 oz./gal.) Light build-up or grouted tile cleaning.
 1:8 (16 oz./gal.) For genuine Linoleum floors and rubber Floors
 pH (Conc.) 10-11
 DOT Shipping Compound, Cleaning Liquid, N.O.I.
 Storage Stability 1 year under normal conditions

Packaging

1 gallon, 903983
 5 gallon, 903985
 55 gallon, 903987

Multi-Clean®

600 Cardigan Road, Shoreview, Minnesota 55126 Phone 651-481-1900 Fax 651-481-9987 Web www.multi-clean.com

12-2-09

Form 1583

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

| SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION Identity (As Used on Label and List): Ultra Stripper Product Class: Water-Based Floor Finish Stripper Emergency Telephone Number: 800-255-3924 Telephone Number for Information: 651-481-1900 Manufacturer's Name and Address: Multi-Clean® 600 Cardigan Road Shoreview, MN 55126 | SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS Boiling Point: Approximately 212°F Specific Gravity (H20) = 1: 1.01 Vapor Density (Air = 1): > 1 Evaporation Rate (Butyl Acetate = 1): N. Av. Solubility in Water: Complete Vapor Pressure (MM HG): N. Av. Melting Point: N. Ap. pH: 10 - 11 % Volatile: 75 - 100 Odor Threshold: N. Av. Oil/Water Distribution Coefficient: N. Av. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----------------------|------------|-----------------------|---------------------------------|---------------|--------------------|--|---------------|---|--|-----------------------|------------|-------------------------------|----------------|----------------|-------------------------|----------------------|---|---|------|----------------------|--------|--------|------------------|---|-------|-------|-------|--------|--------|---|------|------|--------|--------|--------|
| SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS Hazardous Components (Specific Chemical Identity): <table border="1"><thead><tr><th>Chemical</th><th>Common Name(s)</th><th>%</th></tr></thead><tbody><tr><td>A</td><td>Benzyl Alcohol CAS #100-51-6</td><td>20 - 25</td></tr><tr><td>B</td><td>Dipropylene Glycol Monomethyl Ether CAS #34590-94-8</td><td>5 - 10</td></tr><tr><td>C</td><td>Tall Oil Fatty Acid CAS #61790-12-3</td><td>5 - 10</td></tr><tr><td>D</td><td>Ethanolamine CAS #141-43-5</td><td>3 - 7</td></tr><tr><td>E</td><td>Water CAS #7732-18-5</td><td>40 - 70</td></tr></tbody></table> | Chemical | Common Name(s) | % | A | Benzyl Alcohol CAS #100-51-6 | 20 - 25 | B | Dipropylene Glycol Monomethyl Ether CAS #34590-94-8 | 5 - 10 | C | Tall Oil Fatty Acid CAS #61790-12-3 | 5 - 10 | D | Ethanolamine CAS #141-43-5 | 3 - 7 | E | Water CAS #7732-18-5 | 40 - 70 | SECTION X - STABILITY AND REACTIVITY Stability: Unstable: Stable: X Conditions to Avoid: N. Ap. Incompatibility (materials to avoid): Strong acids and strong oxidizers. Hazardous Decomposition or By-products: N. Av. Hazardous Polymerization: May occur: Will not occur: X Conditions to Avoid: N. Ap. | | | | | | | | | | | | | | | | | | |
| Chemical | Common Name(s) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| E | Water CAS #7732-18-5 | 40 - 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECTION III - HAZARDS IDENTIFICATION Emergency Overview Appearance and Odor: Clear amber liquid, citrus fresh fragrance. Primary Hazards: Irritant Potential Health Hazards Route(s) of Entry: Skin Absorption: X Ingestion: Inhalation: X Eye: May cause irritation on contact. Skin: May cause irritation on contact. Ingestion: May be harmful if swallowed. Inhalation: Overexposure to vapors may be harmful. Signs and Symptoms of Exposure: May irritate mucous membranes. Eye Contact: Possible burning, tearing and redness. Skin Contact: Irritation on direct contact. Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No Target Organ(s): Eyes, skin, respiratory system. Gross overexposure to vapors may affect central nervous system, liver and kidneys. Medical Conditions Generally Aggravated by Exposure: N. Av. Health Hazards, Chronic: N. Av. | SECTION XI - TOXICOLOGICAL INFORMATION <table border="1"><thead><tr><th>Chemical</th><th>OSHA PEL</th><th>ACGIH TLV</th><th>Recom.</th><th>LD50</th><th>LC50</th></tr></thead><tbody><tr><td>A</td><td>10 ppm (skin)</td><td>10 ppm (skin)</td><td>N. Av.</td><td>1.23 g/kg (rat, oral)</td><td>1,000 ppm.</td></tr><tr><td>B</td><td>100 ppm (skin)</td><td>100 ppm (skin)</td><td>N. Av.</td><td>5.6 g/kg (rat, oral)</td><td><33,000 ppm (rat)</td></tr><tr><td>C</td><td>None</td><td>10 mg/m³</td><td>N. Av.</td><td>N. Av.</td><td>10 ml/L (minnow)</td></tr><tr><td>D</td><td>3 ppm</td><td>3 ppm</td><td>3 ppm</td><td>N. Av.</td><td>N. Av.</td></tr><tr><td>E</td><td>None</td><td>None</td><td>N. Av.</td><td>N. Av.</td><td>N. Av.</td></tr></tbody></table> Teratogen, Mutagen, Reproductive Toxin Status: No data with known relevance to humans. Toxicologically Synergistic Products: N. Av. | Chemical | OSHA PEL | ACGIH TLV | Recom. | LD50 | LC50 | A | 10 ppm (skin) | 10 ppm (skin) | N. Av. | 1.23 g/kg (rat, oral) | 1,000 ppm. | B | 100 ppm (skin) | 100 ppm (skin) | N. Av. | 5.6 g/kg (rat, oral) | <33,000 ppm (rat) | C | None | 10 mg/m ³ | N. Av. | N. Av. | 10 ml/L (minnow) | D | 3 ppm | 3 ppm | 3 ppm | N. Av. | N. Av. | E | None | None | N. Av. | N. Av. | N. Av. |
| Chemical | OSHA PEL | ACGIH TLV | Recom. | LD50 | LC50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| B | 100 ppm (skin) | 100 ppm (skin) | N. Av. | 5.6 g/kg (rat, oral) | <33,000 ppm (rat) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | None | 10 mg/m ³ | N. Av. | N. Av. | 10 ml/L (minnow) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D | 3 ppm | 3 ppm | 3 ppm | N. Av. | N. Av. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E | None | None | N. Av. | N. Av. | N. Av. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECTION IV - FIRST AID MEASURES Emergency and First Aid Procedures: If Swallowed: Do not induce vomiting. If person can swallow, give several glasses of water. Obtain immediate medical attention. For Eye Contact: Immediately flush eyes with running water for at least 15 minutes. Obtain immediate medical attention. For Skin Contact: Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse. For Inhalation: Remove to fresh air. If irritation persists, obtain medical attention. Sources Used: Raw material data, general toxicology from the trade for similar products. | SECTION XII - ECOLOGICAL INFORMATION Ecotoxicological Information: N. Av. Chemical Fate Information: N. Av. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECTION V - FIRE FIGHTING MEASURES Flammability: No Flash Point (method used): None Flammable Limits: N. Av. LEL UEL Extinguishing Media: N. Ap. <table border="1"><tr><td>Water?</td><td>Foam?</td><td>Water Fog?</td></tr><tr><td>Alcohol Foam?</td><td>CO₂?</td><td>Dry Chemical?</td></tr><tr><td>Vaporizing Liquid?</td><td>Other?</td><td></td></tr></table> Special Fire Fighting Procedures: N. Ap. Unusual Fire and Explosion Hazards: N. Av. TDG Flammability Classification: Non-flammable Sensitivity to Mechanical Impact: None Sensitivity to Static Discharge: None | Water? | Foam? | Water Fog? | Alcohol Foam? | CO ₂ ? | Dry Chemical? | Vaporizing Liquid? | Other? | | SECTION XIII - DISPOSAL CONSIDERATIONS Waste Disposal Method: Dispose of spilled material in accordance with local, state and federal regulations. Waste from normal cleaning procedures may be sewer, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations. RCRA Hazard Class: None | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Water? | Foam? | Water Fog? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alcohol Foam? | CO ₂ ? | Dry Chemical? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vaporizing Liquid? | Other? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECTION VI - ACCIDENTAL RELEASE MEASURES Steps to be Taken in Case Material is Released or Spilled: Dike and contain spill with inert material (sand, earth, etc). Collect spill with mop, absorbent material (example: floor-dri) or vacuum. Thoroughly rinse affected area with water. | SECTION XIV - TRANSPORT INFORMATION Shipping Classification: Compound, Cleaning Liquid, N.O.I. UN Number: N. Ap. Packing Group: N. Ap. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECTION VII - HANDLING AND STORAGE Precautions to be Taken in Handling and Storing: Normal care in handling and storage. Other Precautions: Keep out of reach of children. | SECTION XV - PREPARATION DATA Prepared By: Ron Camp Telephone Number: 651-481-1900 Date: 4-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION Respiratory Protection (Specify Types): Not required where ventilation is sufficient to maintain vapor level below listed TLV. Ventilation: Local Exhaust: Not required Special: Not required Mechanical (General): As required to keep vapor levels below TLV & PEL, listed in Section XI. Other: Not required Protective Gloves: Natural rubber or synthetic. Eye Protection: Approved safety goggles or shield. Footwear: Rubber footwear. Other Protective Clothing or Equipment: Not required Work/Hygienic Practices: Do not contaminate food or beverages with cleaning chemicals. | SECTION XVI - REGULATORY INFORMATION US Federal Regulations TSCA Status: All ingredients listed. CERCLA Reportable Quality: N. Av. SARA Title III Section 302 Extremely Hazardous Chemicals: None Section 311/312 Hazard Category: Immediate health, chronic health Section 313 Toxic Chemicals: None State Regulations International Regulations WHMIS Controlled Product Hazard Class: D2B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SECTION XVII - OTHER INFORMATION None N. Ap. - Not Applicable; N. Av. - Not Available | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | NFPA SYSTEM <u>2</u> A. Health Hazard <u>0</u> A. Fire Hazard <u>0</u> A. Reactivity Hazard THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. MINUTEMAN INTERNATIONAL, INC. ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO VENDEES, USERS OR THIRD PARTIES CAUSED BY THE MATERIAL. SUCH VENDEES OR USERS ASSUME ALL RISKS ASSOCIATED WITH THE USE OF THE MATERIAL. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |