Multi-Sheen™ Stripper
Heavy-Duty Ammoniated Finish Stripper

MULTI-SHEEN STRIPPER is a high alkaline stripper fortified with builders and ammonia to penetrate and re-emulsify floor finishes. The action of this product properly disperses the finish chemicals into the stripper solution to allow removal by wet/dry vacuuming and rinsing.

Normal application is to apply by mopping or with an automatic scrubber. Product requires 10 to 15 minutes of "working" time and then agitation by a floor machine with a pad or grit type brush to complete removal of old finish.

Use on any floor not harmed by water such as asphalt tile, rubber tile, vinyl and vinyl composition, terrazzo and concrete.

SPECIFICATIONS FOR MULTI-SHEEN STRIPPER

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Forest green, low viscosity liquid, ammonical odor.</td>
</tr>
<tr>
<td>pH</td>
<td>13.8</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.055 - 1.059</td>
</tr>
<tr>
<td>Flashpoint</td>
<td>None</td>
</tr>
<tr>
<td>Dilution</td>
<td>10 - 12 ounces per gallon of water. For unusually difficult stripping or cleaning use at rate of 16 - 20 ounces per gallon of water.</td>
</tr>
<tr>
<td>Foamability</td>
<td>Low to moderate</td>
</tr>
<tr>
<td>Foam Stability</td>
<td>Low</td>
</tr>
<tr>
<td>Hardwater Tolerance</td>
<td>Excellent</td>
</tr>
<tr>
<td>Detergency</td>
<td>Excellent</td>
</tr>
<tr>
<td>Phosphate Free</td>
<td>Yes</td>
</tr>
<tr>
<td>Storage Stability</td>
<td>Excellent, 1 year under normal conditions</td>
</tr>
<tr>
<td>Freeze-Thaw Stability</td>
<td>Freezes at a very low temperature. If frozen, thaw, stir, check for settling.</td>
</tr>
</tbody>
</table>
MATERIAL SAFETY DATA SHEET
(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION
Identity (As Used on Label and List): Multi-Clean Multi-Sheen Stripper
Product Class: Water-based floor finish remover
Emergency Telephone Number: 800-255-3524
Telephone Number for Information: 612-481-1900
Manufacturer's Name and Address: Multi-Clean, A Division of Minuteman International, Inc.
600 Cardigan Road
Shoreview, MN 55126

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS
Hazardous Components (Specific Chemical Identity):
Chemical Common Name(s) %
A Sodium metasilicate pentahydrate 3 - 7
B Sodium hydroxide 3 - 7
C CAS #1310-73-2
D CAS #1336-21-8
E Surfactant (proprietary) 1 - 5
F Water CAS #7732-18-5

SECTION III - HAZARDS IDENTIFICATION
Emergency Overview
Appearance and Odor: Green liquid, ammonia odor.
Primary Hazards: Corrosive
Potential Health Hazards
Route(s) of Entry: Skin
Absorption: Inhalation
Inhalation: May cause chemical burns on contact.
Eye: May cause chemical burns on contact.
Skin: May cause chemical burns on contact.
Ingestion: May be harmful if swallowed.
Inhalation: No hazardous vapors.
Signs and Symptoms of Exposure: Eye Contact: Possible burning, tearing, redness and conjunctival damage. Contact: Possible slippery feeling, redness, swelling and burns. Symptoms may be delayed.
Carcinogenicity: NTP? No IARC Monographs? No
Target Organ(s): Eyes, skin and mucous membranes.
Medical Conditions Generally Aggravated by Exposure: N. Av.

SECTION IV - FIRST AID MEASURES
Emergency and First Aid Procedures:
For Eye Contact: Immediately flush eyes with sanitary eye wash solution or running water for at least 15 minutes. Obtain medical attention. Continue to flush eyes until medical attention arrives. If Swallowed: Do not induce vomiting. Drink two glasses of water, follow with orange juice and immediately call a physician.
For Skin Contact: Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse. Never give anything by mouth to an unconscious person.
Sources Used: Raw material data, general toxicology from the trade for similar products.

SECTION V - FIRE FIGHTING MEASURES
Flammability: No
Autoignition Temperature: N. Av.
Flash Point (method used): None
Flammable Limits: N. Av.
Extinguishing Media: N. Av.
Water: LEL
Alcohol Foam: UEL
Liquids: Other
Special Fire Fighting Procedures: N. Av.
TDG Flammability Classification: Non-flammable
Sensitivity to Mechanical Impact: None
Sensitivity to Static Discharge: None

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-dr or vacuum). Thoroughly rinse affected area with water.

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. Keep from freezing.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION
Respiratory Protection (Specify Types): Not required
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 IX - PHYSICAL/CHEMICAL CHARACTERISTICS
Bolling Point: Approximately 212°F
Specific Gravity (H20 = 1): 1.079
Vapor Density (Air = 1): < 1
Evaporation Rate (Butyl Acetate = 1): N. Av.
Solubility in Water: Complete
Flash Point (method): Not required
Extinguishing Media: N. Av.
Vapor Pressure (MM Hg): N. Av.
Melting Point: N. Av.

SECTION X - STABILITY AND REACTIVITY
Stability: Unstable
Conditions to Avoid: N. Av.
Incompatibility (materials to avoid): N. Av.
Hazardous Decomposition or By-products: N. Av.
Hazardous Polymerization: May occur:
Conditions to Avoid: N. Av.

SECTION XI - TOXICOLOGICAL INFORMATION
Chemical OSHEA PEL Non-Regulated? None
AGNHHLVLC: None
Toxicity Category: None
A None None
B 2 mg/M3 2 mg/M3
C 50 ppm 25 ppm
D None None
E None None
F None None

SECTION XII - ECOLOGICAL INFORMATION
Ecotoxicological Information: N. Av.
Chemical Fate Information: N. Av.

SECTION XIII - DISPOSAL CONSIDERATIONS
Vesicle Disposal Method:
Dispose of spilled material in accordance with local, state and federal regulations. Waste from normal cleaning procedures may be seurred, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations.
RCRA Hazard Class: D002, characteristic corrosive.

SECTION XIV - TRANSPORT INFORMATION
Shipping Classification: B, corrosive liquid, N.O.S. (Containing sodium hydroxide)
UN Number: 1763
Packaging Group: II

SECTION XV - PREPARATION DATA
Prepared By: Mark Levit
Telephone Number: 612-481-1900
Date: 10/5/94

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: None
Section 313 Toxic Chemicals: None

State Regulations
NOTICE STATE OF CALIFORNIA
Warning: This product may contain chemicals known to the State of California to cause cancer or reproductive defects as trace impurities in the standard industrial materials used in the manufacture of this product.

International Regulations
WHMIS Controlled Product Hazard Class: E

SECTION XVII - OTHER INFORMATION
None
N. Av. - Not Applicable; N. Av. - Not Available

NFPA SYSTEM
1 A Health Hazard 0 A Fire Hazard 0 A Reactivity Hazard

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