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 II - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity):

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 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 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 V - FIRE FIGHTING MEASURES

Flammability: No **Autoignition Temperature:** N. Ap.
Flash Point (method used): None
Flammable Limits: N. Ap. LEL UEL
Extinguishing Media N. Ap.
Water? **Foam?** **Water Fog?**
Alcohol Foam? **CO_2?** **Dry Chemical?**
Vaporizing Liquid? **Other?**
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

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 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 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 IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Approximately 212°F **pH:** 10 - 11
Specific Gravity (H20) = 1: 1.01 **% Volatile:** 75 - 100
Vapor Density (Air = 1): > 1 **Odor Threshold:** N. Av.
Evaporation Rate (Butyl Acetate = 1): N. Av. **Oil/Water Distribution Coefficient:** N. Av.
Solubility in Water: Complete
Vapor Pressure (MM HG): N. Av.
Melting Point: N. Ap.

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.

SECTION XI - TOXICOLOGICAL INFORMATION

Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	10 ppm (skin)	10 ppm (skin)	N. Av. (skin)	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.

Teratogen, Mutagen, Reproductive Toxin Status: No data with known relevance to humans.
Toxicologically Synergistic Products: N. Av.

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicological Information: N. Av.
Chemical Fate Information: N. Av.

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 sewered, depending on the materials and/or contaminates being cleaned as well as state, federal and local sewer commission regulations.
RCRA Hazard Class: None

SECTION XIV - TRANSPORT INFORMATION

Shipping Classification: Compound, Cleaning Liquid, N.O.I.
UN Number: N. Ap.
Packing Group: N. Ap.

SECTION XV - PREPARATION DATA

Prepared By: Ron Camp
Telephone Number: 651-481-1900
Date: 4-12

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

_1_ A. Health Hazard _0_ A. Fire Hazard _0_ A. Reactivity Hazard

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