MATERIAL SAFETY DATA SHEET
(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION
Identity (As Used on Label and List): Linoleum Floor Slipper
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 8 - 12
CAS #100-51-6
B Dipropylene Glycol Monomethyl Ether 5 - 10
CAS #34590-94-8
C Tall Oil Fatty Acid 1 - 5
CAS #15790-12-3
D Surfactant/Dehydrant 1 - 5
CAS #Mixture
E
Ethylene Glycol Phenyl Ether 1 - 5
CAS #122-99-6
F Water
50 - 80
CAS #7732-18-5

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
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. Symptoms may be delayed. Inhalation: Overexposure to vapors may cause central nervous system effects including drowsiness, headache, nausea and dizziness.
Carcinogenicity: NTP: No OSHA Regulated? No
Target Organ(s): Eyes, skin, liver, kidneys, lymphoid system, respiratory system and blood.
Medical Conditions Generally Aggravated by Exposure: N. Av.
Health Hazards, Chronic: Overexposure to Glycol Ethers may cause damage to one or more of the target organs listed above.

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 Ingestion: Immediately flush eyes with running water for at least 15 minutes. Obtain immediate medical attention. For Eye Contact: Immediately flush eyes with running water for at least 15 minutes. 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. Av.
Flash Point (method used): None Flammable Limits: N. Av. LEL UEL
Extinguishing Media N. Av.
Vaporizing Liquid? No
Special Fire Fighting Procedures: N. Av.
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-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.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION
Respiratory Protection (Specify Types): Not required where ventilation is sufficient to maintain vapor level below listed TLV. Use NIOSH/MSHA approved organic vapor respirator in areas where vapor level exceeds 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.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS
Evaporation Rate (Butyl Acetate = 1): N. Av. Oil/Water Distribution Solubility in Water: Complete Coefficient: N. Av.
Vapor Pressure (MM Hg): N. Av.
Melting Point: N. Av.

SECTION X - STABILITY AND REACTIVITY
Stability: Unstable Stable: X
Conditions to Avoid: N. Av.
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. Av.

SECTION XI - TOXICOLOGICAL INFORMATION
Chemical OSHA PEL ACGIH TLV Recom. LD50 LC50
A 10 ppm 10 ppm N. Av. 1.23 g/kg 1,000 ppm.
B 100 ppm 100 ppm N. Av. 5.6 g/kg <33,000 ppm
C None 10 mg/m³ N. Av. N. Av. 10 ml/L
D N. Av. N. Av. 6,000 mg/kg (oral)
E N. Av. N. Av. 1,400 – 4,000 mg/kg N. Av.
F None None 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 contaminants 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. Av.
Packing Group: N. Av.

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: Glycol Ether State Regulations
International Regulations
WHMIS Controlled Product Hazard Class: D2B

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

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

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