MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION
Identity (As Used on Label and List): Multi-Clean Mop-On 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 2-Butoxy ethanol CAS #111-76-2 10 - 30
B Potassium hydroxide CAS #1310-58-3 3 - 7
C Aldy-Imino Acid Sodium Salt CAS #64972-19-6 1 - 5
D Ethanolamine CAS #141-43-5 1 - 5
E Water CAS #7732-18-5 60 - 100

SECTION III - HAZARDS IDENTIFICATION
Emergency Overview
Appearance and Odor: Blue liquid, "butyl" aroma.
Primary Hazards: Corrosive
Potential Health Hazards
Route(s) of Entry: Skin Absorption: X Ingestion: Inhalation: X
Eye: May cause chemical burns on contact.
Skin: May cause chemical burns on contact.
Ingestion: May be harmful if swallowed.
Inhalation: Overexposure to butyl vapors may be harmful.
Signs and Symptoms of Exposure: Eye Contact: Possible burning, tearing, redness and corneal damage. Skin Contact: Possible slippery feeling, redness, swelling and burns. Symptoms may be delayed. Inhalation: Overexposure to 2-Butoxy ethanol (butyl) vapors may cause central nervous system effects including drowsiness, headache, nausea and dizziness.
Carcinogenicity: NTP? No IARC Monographs? 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 2-Butoxy ethanol may cause damage to one or more of the target organs listed above.

SECTION IV - FIRST AID MEASURES
For Eye Contact: Immediately flush eyes with water for at least 15 minutes. Obtain immediate medical attention. If Swallowed: Do not induce vomiting. If person can swallow, give several glasses of water. Obtain medical attention immediately.
For Skin Contact: Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse. For Overexposure to Vapors: Remove victim to fresh air, keep warm, quiet and contact a physician.
Sources Used: Raw material data, general toxicology from the trade for similar products.

SECTION V - FIRE FIGHTING MEASURES
Flammability: No Autignition Temperature: N. Av.
Flash Point (method used): None Flammable Limits: N. Av. LEL UEL
Alcohol Foam? CO2? Dry Chemical?
Vaporizing Liquid? Other?
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. Absorb 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 where ventilation is sufficient to maintain 2-Butoxy ethanol vapor level below listed TLV. Use NIOSH/MSHA approved organic vapor respirator in areas where vapor level exceeds TLV.
Ventilation: Local Exhaust: Not required
Mechanical (General): Not required
Protective Gloves: None
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: 13 - 14
Specific Gravity (H2O = 1): 1.035 % Volatile: 75 - 95
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
Incompatibility (materials to avoid): N. Av.
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 25 ppm 25 ppm 25 ppm 1.48 g/kg N. Av.
B C2 mg/M3 C2 mg/M3 N. Av. 205 mg/kg N. Av.
C N. Av. N. Av. N. Av. N. Av. N. Av.
D 3 ppm 3 ppm N. Av. 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.
Chemical Fate Information: 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 se vered, 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: Corrosive, liquid, basic inorganic, N.O.S. (Containing potassium hydroxide), class 8
UN Number: 3266
Packaging Group: II

SECTION XV - PREPARATION DATA
Prepared By: Mike Elms
Telephone Number: 651-481-1900

SECTION XVI - REGULATORY INFORMATION
US Federal Regulations
TSCA Status: All ingredients listed.
CERCLA Reportable Quantity: 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
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

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