

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

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| SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION | |
| Identity (As Used on Label and List): Inferno Stripper Product Class: Water-based floor finish stripper Emergency Telephone Number: 800-255-3924 Telephone Number for Information: 651-481-1900 Manufactured by: 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 15 - 40 CAS #111-76-2 |
| B | Potassium Hydroxide .5 - 1.5 CAS #1310-58-3 |
| C | Ethanolamine 1 - 5 CAS #141-43-5 |
| D | Water 40 - 70 CAS #7732-18-5 |
| SECTION III - HAZARDS IDENTIFICATION | |
| Emergency Overview Appearance and Odor: Clear liquid, Sassafras Fragrance. 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 | |
| Emergency and First Aid Procedures: If swallowed: Do not induce vomiting. If a person can swallow, give several glasses of water. Obtain immediate medical attention. Eye contact: Flush eyes with running water for at least 15 minutes. Obtain immediate medical attention. Skin contact: Flush with cool water. Remove and wash contaminated clothing before reuse. For inhalation: Remove to fresh air. If irritation persists, get 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. Water? Foam? Water Fog? 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, 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. Keep from freezing. | |

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| 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 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: 13 - 14 | | | | |
| Specific Gravity (H₂O) = 1: .99 | % Volatile: 75 - 95 | | | | |
| Vapor Density (Air = 1): > 1 | Odor Threshold: N. Av. | | | | |
| 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. Ap. | | | | | |
| SECTION X - STABILITY AND REACTIVITY | | | | | |
| Stability: Unstable: Stable: X | | | | | |
| Conditions to Avoid: N. Av. | | | | | |
| 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. Ap. | | | | | |
| SECTION XI - TOXICOLOGICAL INFORMATION | | | | | |
| Chemical | OSHA PEL | ACGIH TLV | Recom. | LD50 | LC50 |
| A | 25 ppm (skin) | 25 ppm (skin) | 25 ppm (skin) | 1.48 g/kg (rat, oral) | N. Av. |
| B | C2 mg/M ₃ | C2 mg/M ₃ | N. Av. | 205 mg/kg (rat, oral) | N. Av. |
| C | 3 ppm | 3 ppm | N. Av. | N. Av. | N. Av. |
| D | 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 sewer, 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 NOS (potassium hydroxide) class 8 UN Number: UN3266 Packing Group: II | | | | | |
| SECTION XV - PREPARATION DATA | | | | | |
| Prepared By: Mike Tarvin | | | Telephone Number: 651-481-1900 | | |
| Date: 4/08 | | | | | |
| 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: E | | | | | |
| SECTION XVII - OTHER INFORMATION | | | | | |
| None | | | | | |
| N. Ap. - Not Applicable; N. Av. - Not Available | | | | | |

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