

MATERIAL SAFETY DATA SHEET

WHMIS STATUS:

Date Prepared: 09-01-01 By Charles D. Werner (206) 762-7000

SECTION 1 - PRODUCT IDENTIFICATION

Manufacturer Name: Fortech Products by Formula Corporation	Emergency Phone No: 1-800-228-5635 ext. 059
Address: 7901 2nd Ave S. Seattle, WA 98108	
Trade Name: MAGNUM	Product Type/Use: Cleaner Degreaser
Product Code: FLCMAGYX	Formula: Mixture

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/Common Name:	CAS NO.	PERCENT (optional)	TLV/PEL
Potassium Hydroxide LD ₅₀ (oral-rat) 365 mg/kg, LD ₅₀ (skin-rab) 1,260 mg/kg	1310-58-3	< 2	NE
Nonionic / cationic Surfactant LD ₅₀ (oral-rat) > 3000 mg/kg		< 10	NE
This Product does not contain any chemicals that are subject to the reporting requirements of SARA 313 Title III and of 40 CFR 372			

SECTION 3 - PHYSICAL DATA

Boiling Point: (F) 212 (100 C) Freezing Point 32 F (0 C)	Specific Gravity: (H ₂ O = 1.0) 1.0	pH: 13.0 -13.5
Vapor Pressure: (mm/Hg) Not Determined	Vapor Density: Heavier than air	
Solubility In Water: Complete	Coefficient of water/oil: Not available	
Evaporation Rate (Vs ether) Slower		
Appearance and Odor: Liquid, non-viscous, YELLOW color and pleasant fragrance	Odor Threshold: Not available	

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.): NONE
Extinguishing Media: nonflammable and non-explosive. No special procedures required.
Special Fire Fighting Procedures: none required.
Unusual Fire and Explosion Hazards: NOTHING SPECIAL.

SECTION 5 - REACTIVE DATA

Stability: Stable	Incompatibility: Keep away from acids and strong oxidizers and soft metals like aluminum.
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide and unknown organic compounds.	

SECTION 6 - HEALTH HAZARDS

Threshold Limit Value - Product (See Section 2 for Ingredient TLV/PEL): None Established
Primary Routes of Exposure: Eye - yes Skin- yes Oral- yes Inhalation -yes Other
Signs and Symptoms of Over-exposure (Acute): EYES: Liquid and mists are irritating to the eye. INHALATION: Undiluted vapors may irritate the respiratory tract. Inhalation of higher concentrations may cause headaches. SKIN: Brief contact with concentrate will irritate the skin, but this irritation is reversible. Prolonged exposure may burn the skin. INGESTION: Liquid and vapors will irritate the mouth and throat. Swallowing the liquid burns the tissues, and may cause abdominal pain, nausea, or vomiting.
Chronic Health Hazards: Unknown
Medical Conditions Aggravated by Over-exposure: Persons with pre-existing skin disorders, impaired respiratory function maybe more susceptible to effects.
Carcinogen or Suspect Carcinogen Ingredients: NTP - NO IARC - NO OSHA - NO

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush with immediately with lots of running water for at least 15 minutes holding eyelids open. Get medical attention.
Skin: Flush skin with water until no longer slippery. Remove contaminated clothing & shoes. Wash before reuse.
Ingestion: DO NOT INDUCE VOMITING. If vomiting occurs spontaneously, keep victims head below his hips to prevent his breathing vomitus into his lungs. Drink 1 to 8 glasses of water or milk to dilute. Call physician or poison control center immediately, Treat symptomatically. Do not give anything by mouth to an unconscious or convulsing person.
Inhalation: Get to fresh air.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not normally required when using this product as directed.
Ventilation Requirements: Adequate ventilation required to keep exposure under TLV/PEL.
Protective Gloves: Required. the product is alkaline
Eye Protection: Not normally required. Goggles are recommended if splashing might occur -- wearing contact lenses is not recommended while using this product. Face shield are required if used overhead or misting or spraying.
Other: When using this product as a floor stripper or cleaner waterproof footwear must be worn. Where gross eye and skin contact may occur -- use and wear appropriate protective clothing including alkali-resistant clothing, rubber boots with pants on the outside, and rubber gloves. .

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled: For small spills, mop or wipe up and contain. For large spills, contain by diking with absorbent material and contain. Rinse with water into sanitary sewer system where available. Keep the product out of storm drains, surface waters and soil.
Waste Disposal Methods: The contaminates of the product must be considered when disposing. Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures and comply with them.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage: Nothing special is required. Do not mix chemicals. Keep container tightly closed when not in use.
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