

MATERIAL SAFETY DATA SHEET

Date Prepared: 5-22-97 By Charles D. Werner

SECTION 1 - PRODUCT IDENTIFICATION

Distributor Name: FORTECH PRODUCTS by Formula Corporation	Emergency Phone No: 1-800-228-5635 ext. 059
Address: 7901 2nd Ave. S., Seattle, WA 98124	HMIS Ratings: Health=1 Fire=0 Reactivity=0
Trade Name: MAGNUM	Product Type: Non Butyl Cleaner Degreaser
Product Code: FLCMAGYXFC-MAG	Formula:

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/Common Name:	CAS NO.	PERCENT (optional)	EXPOSURE LIMITS(Source)
Potassium Hydroxide	1310-58-3	<5	LD50 = 360 mg/kg
Quaternary Ammonium Chlorides	68391-01-5, 68956-79-6	<5	none established
Nonoxynol blend	9016-45-9	<5	LD50 = >3 g/kg
Isopropyl Alcohol	67-63-0	<5	400 PEL (OSHA)

This Product does not contain any chemicals that are subject to the reporting requirements of SARA 313 Title III and of 40 CFR 372

This product may contains Chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.

SECTION 3 - PHYSICAL DATA

Boiling Point: (F) 212	Specific Gravity: (H2O = 1.0) 1.0	pH: 12.0 - 13.0
Vapor Pressure: (mm/Hg) Not Determined	Vapor Density: Heavier than air	
Solubility In Water: Complete		
Evaporation Rate (Vs ether) Slower		
Appearance and Odor: Liquid, non-viscous, YELLOW color		

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: nonreactive.

Hazardous Decomposition Products: none

SECTION 6 - HEALTH HAZARDS

Threshold Limit Value - Product (See Section 2 for Ingredient TLV) None Established
Primary Routes of Exposure: Eye - yes Skin-Not Established Oral-yes Inhalation-yes Other
Signs and Symptoms of Over-exposure (Acute): EYES: Vapors and mists may irritate. INHALATION: undiluted vapors and mists are harmful to the nose, throat, inhalation of higher concentration may cause headaches. SKIN: Prolonged contact with concentrate may irritate the skin, but this irritation is reversible.

Medical Conditions Aggravated by Over-exposure: Persons with pre-existing skin disorders, eye problems, impaired respiratory function may more susceptible to effects.

Carcinogen or Suspect Carcinogen Ingredients: NTP - NO IARC - NO OSHA - NO NONE

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: Wash skin with soap and water. 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 Ventilation Requirements: Adequate ventilation required.

Protective Gloves: not normally required. Eye Protection: Not normally required. Recommended if used overhead or misting or spraying.

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.

Waste Disposal Methods: Note that the contaminates of the product must be consider 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. This product is non-hazardous for storage and transport according DOT regulations. Keep container tightly closed when not in use.