

MATERIAL SAFETY DATA SHEET

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

| 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 | | HMIS Ratings: Health=1 Fire=0 Reactivity=0 | |
| Trade Name: TAK-ALL | | Product Type: Cleaner Degreaser CONCENTRATE | |
| Product Code: FFLCTAKOO-CT-TAKAL | | Formula: | |
| SECTION 2 - HAZARDOUS INGREDIENTS | | | |
| Chemical Name/Common Name: | CAS NO. | PERCENT (optional) | TLV (Source) |
| Propylene Analogues of glycol Ethers | various | | 100 skin OSHA |
| Isopropyl alcohol | 67-63-0 | <5 | 400 (OSHA) |
| Sodium Orthosilicate | 6834-92-0 | <5 | not established) |
| No toxic chemicals subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present | | | |
| SECTION 3 - PHYSICAL DATA | | | |
| Boiling Point: (F) 212 | | Specific Gravity: (H ₂ O = 1.0) 1.0 | |
| Vapor Pressure: (mm/Hg) Not Determined | | pH: 11.0- 12.0 | |
| Solubility In Water: Complete | | Vapor Density: Heavier than air | |
| Evaporation Rate (Vs ether) Slower | | | |
| Appearance and Odor: Liquid, non-viscous, orange color and pleasant fragrance | | | |
| 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. | |
| 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-YES |
| | | Oral-yes | Inhalation-yes |
| | | | Other |
| Signs and Symptoms of Over-exposure (Acute): EYES: Vapors and mists may irritate the eye. INHALATION: undiluted vapors and mists are harmful to the nose, and throat. Inhalation of higher concentration may cause headaches. SKIN: Prolonged contact with concentrate may burn the skin. Brief contact may irritate the skin, but this irritation is reversible. | | | |
| Chronic Health Hazards: Inhalation of vapors or mists may cause varying degree of damage to the affected tissues and also increasing susceptibility to respiratory illness. | | | |
| Medical Conditions Aggravated by Over-exposure: Persons with pre-existing skin disorders, 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 to keep exposure under TLV. | |
| Protective Gloves: Recommended. | | 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 into sanitary sewer system. KEEP PRODUCT OUT OF SURFACE WATERS AND SOIL. | | | |
| 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. | | | |