

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 98108 | | | |
| Trade Name: PINE SHINE | | Product Type: Disinfectant Cleaner | |
| Formula Code: FFLDPINGX-CT-PINES | | Formula: | |
| SECTION 2 - HAZARDOUS INGREDIENTS | | | |
| Chemical Name/Common Name: | CAS NO. | PERCENT (optional) | TLV (Source) |
| Elpinol | 8002-09-3 | < 5 | 100 |
| Quaternary Ammonium compounds | various | <5 | NOT ESTABLISHED |
| No toxic chemical(s) 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 | pH: 10.0-11.5 |
| 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, GREEN color and pine 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: non-reactive. | |
| 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- Oral-yes Inhalation-yes Other |
| Signs and Symptoms of Over-exposure (Acute): EYES: Contact with concentrate will irritate the eyes. | | | |
| Chronic Health Hazards: Undetermined | | | |
| 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: 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 the air contamination below TLV's. |
| 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. | | | |