

PHOS. FREE EXTRA MERIT # 814

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			
Trade Name: PHOSPHATE FREE EXTRA MERIT		Product Type: Powdered Laundry Detergent	
PRODUCT CODE: FFPLPFLWL-FC-PFX		Formula:	
SECTION 2 - HAZARDOUS INGREDIENTS			
Chemical Name/Common Name:	CAS NO.	PERCENT (optional)	TLV (Source)
Sodium Orthosilicate	6834-92-0	< 30	NONE ESTABLISHED
Sodium carbonate	497-19-8	< 40	NONE ESTABLISHED
NOTE: ACGIH - TLV-TWA for nuisance dust is 10 MG/cu m total dust or 5 mg/cu m respirable dust.			
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) N/A		Specific Gravity: (H2O = 1.0) N/A	
Vapor Pressure: (mmHg) N/A		pH: N/A	
Solubility In Water: Complete		Vapor Density: N/A	
Evaporation Rate (Vs ether) N/A			
Appearance and Odor: Crystalline solid, powder, or granules.			
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA			
Flash Point (T.C.C.): NONE Flammable Limits Upper N/A Lower N/A			
Extinguishing Media: This material is not combustible. Use extinguishing media appropriate for surrounding fire.			
Special Fire Fighting Procedures: None. May be come slippery when wet.			
Unusual Fire and Explosion Hazards: None reported			
SECTION 5 - REACTIVE DATA			
Stability: Stable		Incompatibility: Strong oxidizers, strong acids.	
Hazardous Decomposition Products: At temperatures above 400F toxic gases are liberated.			
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: Dusts may irritate eye. INHALATION: Dusts are harmful to the entire respiratory contact. SKIN: Prolonged contact may irritate the skin and may cause irritant dermatitis.			
Signs and Symptoms of Over-exposure (Chronic): Prolonged or repeated exposure may result in and/ or kidney damage.			
Medical Conditions Aggravated by Over-exposure: None reported.			
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. Mechanical required if necessary to maintain exposure below PEL.	
Protective Gloves: Wear resistant gloves if excessive exposure is anticipated.		Eye Protection: Not normally required. Recommended if used overhead.	
Other Protective Clothing: Where gross eye and skin contact may occur use and wear appropriate protective clothing, including 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, sweep and contain. For large spills, shovel and sweep up 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: Store in a cool dry, well ventilated place away from incompatible materials. Keep container tightly closed when not in use.			