

## MATERIAL SAFETY DATA SHEET

Date Prepared: 09-01-01 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: MERIT	Product Type: Powdered Laundry Detergent
PRODUCT CODE: FPLMERWL	Formula:

**SECTION 2 - HAZARDOUS INGREDIENTS**

Chemical Name/Common Name:	CAS NO.	PERCENT (optional)	TLV (Source)
Sodium Tripolyphosphate LD50 (oral-rat) 4,100 mg/kg,	7758-29-4	5 - 10	
Anionic / Nonionic Surfactant Blend LD50 (oral-rat) > 3,000 mg/kg	mixture	5 - 10	
Sodium Carbonate LD50 (oral-rat) 5,600 mg/kg	497-19-8	10 - 20	
Sodium Metasilicate LD50 (oral-rat) 600 mg/kg,	6834-92-0	10 - 20	

**NOTE: ACGIH - TLV-TWA for nuisance dust is 10 mg/cu meter 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	pH: N/A
Vapor Pressure: (mm/Hg) N/A	Vapor Density: N/A	
Solubility In Water: Complete		
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): The effects of long term, low level exposure to this product have not been determined. Safe handling of this material on a long term basis should emphasize the avoidance of all effects from repetitive acute exposure.				
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: Flush skin with 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. This product is non Hazardous according to DOT regulations.
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