

MATERIAL SAFETY DATA SHEET

Date Prepared: 09-01-01 By Charles D. Werner 00520

SECTION 1 - PRODUCT IDENTIFICATION			
Manufacturer Name:	Formula Corporation	Emergency Phone No: 1-800-228-5635 ext. 059	
Address:	7901 2nd Ave S., Seattle, WA 98108		
Trade Name:	LAUNDRY DETERGENT	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 LD ₅₀ (oral-rat) 4,100 mg/kg,	7758-29-4	5 - 10	
Anionic / Nonionic Surfactant Blend LD ₅₀ (oral-rat) > 3,000 mg/kg	mixture	5 - 10	
Sodium Carbonate LD ₅₀ (oral-rat) 5,600 mg/kg	497-19-8	10 - 20	
Sodium Metasilicate LD ₅₀ (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.			
This product may contain chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.			
SECTION 3 - PHYSICAL DATA			
Boiling Point: (F)	N/A	Specific Gravity: (H ₂ O = 1.0)	N/A
Vapor Pressure: (mm/Hg)	N/A	Vapor Density:	N/A
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	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.		