

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:	STERLING	Product Type: Powdered Dish Presoak	
PRODUCT CODE:	FPKSTRWX	Formula:	
SECTION 2 - HAZARDOUS INGREDIENTS			
Chemical Name/Common Name:	CAS NO.	PERCENT (optional)	TLV (Source)
Sodium Dichloro-S-Triazonetrione Dihydrate	51580-86-0	<5	3 PPM OSHA
Silic Acid	1344-09-8	<20	none
Sodium Metasilicate	6834-92-0	<20	none
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: (H ₂ O = 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. Chlorine odor.		
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA			
Flash Point (T.C.C.):	NONE	Flammable Limits	Upper N/A Lower N/A
Extinguishing Media:	water Fog.		
Special Fire Fighting Procedures:	Fire fighters should wear self-contained breathing apparatus and full protective clothing. Use Water spray to cool nearby containers and structures exposed to fire.		
Unusual Fire and Explosion Hazards:	At temperatures over 400F chlorine containing gases with traces of phosgene may be liberated.		
SECTION 5 - REACTIVE DATA			
Stability:	Stable Incompatibility: Strong oxidizers, acids.		
Hazardous Decomposition Products:	At temperatures above 400F toxic gases are liberated containing nitrogen tri-chloride, chlorine & phosgene		
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 will irritate the eye. INHALATION: Dusts are irritating to the entire respiratory tract. SKIN: Prolonged contact will irritate the skin and may cause irritant dermatitis. PRODUCT IS ALKALINE - USE CAUTION.		
Signs and Symptoms of Over-exposure (Chronic):	The effects of longterm, 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:	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 water. PRODUCT IS ALKALINE continue to rinse until no longer slippery. 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 or misting or spraying.
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.		