

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: MILDEW 228		Product Type: Bathroom Cleaner	
Product Code: FLC228XX			
SECTION 2 - HAZARDOUS INGREDIENTS			
Chemical Name/Common Name:	CAS NO.	PERCENT (optional)	TLV (Source)
Sodium Hypochlorite	7681-52-9	<5	2 PPM OSHA
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) 212		Specific Gravity: (H ₂ O = 1.0) 1.0	pH: 12- 13
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, water white color and chlorine			
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA			
Flash Point (T.C.C.): NONE			
Extinguishing Media: Non-flammable and non-explosive No special procedures required.			
Special Fire Fighting Procedures: none required.			
Unusual Fire and Explosion Hazards: Toxic fumes are liberated upon contact with acids or heat.			
SECTION 5 - REACTIVE DATA			
Stability: Stable		Incompatibility: DO NOT MIX THIS PROUDCT WITH ANY OTHER CHEMICALS Incompatible with ACIDS and OXIDIZERS. May release dangerous gases if mixed with incompatible chemicals May release Oxygen upon contact with certain metals.	
Hazardous Decomposition Products: chlorine gas, Hydrochloric Acid, Sodium chlorate and oxygen which depend on pH, temperature and time.			
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: Vapors and mists will irritate the eyes. INHALATION: undiluted vapors and mists are harmful to the nose, throat. SKIN: Prolonged contact with concentrate may irritate the skin but this irritation is reversible. NOTE: If sodium Hypochlorite is mixed with ammonia or other chemicals, evolution of chlorine or hypochlorous acid may result. These gases can produce pulmonary edema.			
Medical Conditions Aggravated by Over-exposure: Persons with pre-existing skin disorders, eye problems, impaired respiratory function may more susceptible to effects. CHRONIC EFFECTS OF EXPOSURE: Irritation effects increase with strength of solution and time of exposure. Prolonged or repeated contact may cause dermatitis and sensitization.			
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 running water. Remove contaminated clothing & shoes. Wash before reuse.			
Ingestion: DO NOT INDUCE VOMITING. If vomiting occurs spontaneously, keep victim's 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.	
Protective Gloves: 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 to sanitary sewer system 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: DO NOT MIX THIS PROUDCT WITH ANY OTHER CHEMICALS Do not mix chemicals. This product is non-hazardous for storage and transport according to DOT regulations. Keep container tightly closed when not in use.			