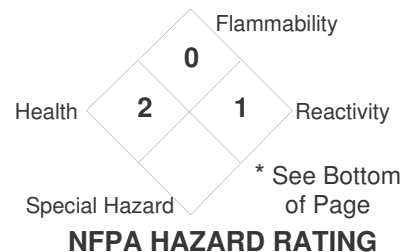


MATERIAL SAFETY DATA SHEET

Distributed by:
HILLYARD, INC.

302 N. Fourth St.
St. Joseph, Missouri 64502



Product Name: **Powdered Dishmachine Detergent**

24-HOUR EMERGENCY PHONE #: 1-800-424-9300 (CHEMTREC)

Revised: 11/5/1997 lmt
Supersedes: 1/20/1997

I. IDENTIFICATION

Chemical Name And Synonyms:

Not applicable

DOT Shipping Name

Corrosive Solid, basic, inorganic, n.o.s.
(Sodium Metasilicate, Anhydrous/Sodium Hydroxide)

Chemical Family:

Alkali

DOT Hazard Class & I.D. Number

Corrosive Material UN3262

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II. HAZARDOUS INGREDIENTS

Component	CASNO.	%	TLV	PEL	Toxic	Hazard
Sodium Metasilicate, Anhydrous	6834-92-0	20	Not Est.	Not Est.	NA	Irritant to eyes and mucous membranes.
Sodium hydroxide	1310-73-2	5	2 mg/M3	2 mg/M3	NA	Corrosive to skin and eyes.
Sodium dichloroisocyanurate	51580-86-0	2.5	3mg/M3	3mg/M3	NA	Corrosive to skin and eyes.

**Toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR

NA: Not applicable

III. PHYSICAL DATA

Boiling Point: Not applicable
Specific Gravity: Not applicable
Appearance: White solid

Form: Solid
Solubility In Water: Complete
Odor: Not applicable
pH, 1% Soln.: 12.35

IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: Not Applicable
Extinguishing Media: Not applicable.
Special Fire Fighting Procedures: Although this product is not combustible, if a fire occurs in the near vicinity, good fire-fighting practice dictates the use of self-contained breathing apparatus and other protective gear.
Unusual Fire And Explosion Hazards: If the container breaks, the product should be handled with care as it is corrosive.

V. HEALTH HAZARD DATA

Carcinogenic: The raw materials used in this product are not considered to be a carcinogen by ACGIH and OSHA.
Effects Of Over-exposure: Corrosive. May cause severe burns or irritation. May cause irreversible damage to eyes in some cases.

Emergency And First

Aid Procedures: EYES: Flush immediately with water for 15 minutes, raise eyelids for complete rinsing. GET PROMPT MEDICAL ATTENTION.
SKIN: Flush with water for 15 minutes. If irritation persists, GET MEDICAL ATTENTION. Remove contaminated clothing and wash before reuse.
INGESTION: DO NOT induce vomiting. Give large quantities of water or milk. GET IMMEDIATE MEDICAL ATTENTION. Never give anything by mouth to an unconscious person.

* NFPA Degree or Hazard: 4 = Extreme; 3 = High; 2 = Moderate; 1 = Slight; 0 = Insignificant.

Continued On Back

A. Safety Glasses B. Safety Glasses, Gloves C. Safety Glasses, Gloves, Apron D. Face Shield, Gloves, Apron E. Safety Glasses, Gloves, Dust Respirator F. Safety Glasses, Gloves, Apron, Dust Respirator G. Safety Glasses, Gloves, Vapor Respirator H. Splash Goggles, Gloves, Apron, Vapor Respirator I. Safety Glasses, Gloves, Vapor and Dust Respirator J. Splash Goggles, Gloves, Apron, Vapor and Dust Respirator K. Air Line, Hood or Mask, Gloves, Full Suit, Boots X. Ask your supervisor for guidance.

VI. REACTIVITY DATA

Stability - Unstable: ☐

Stable: ☒

Conditions To Avoid: Avoid acids.

Incompatibility: Reacts with strong acids and will yield chlorine gas.
(Materials To Avoid)

Hazardous

Decomposition Products: At flame temperatures, chlorine gas may be liberated.

VII. SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released Or Spilled:

Scoop up for reuse whenever possible. Small spills can be diluted with a large amount of water and flushed to sewer. Larger spills, sweep or scoop up.

Waste Disposal Method: Neutralize product by first dissolving in water in a dike area and then to neutralize chlorine add sodium sulfite or sodium bisulfite. Then neutralize caustic with a dilute acid. Check local, state and federal regulations for discharging of wastes.

VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Respiratory protection is not required for normal use. If mist level is high, wear NIOSH approved respirator.

Ventilation: Should be adequate to keep mist level below the TLV.

Protective Gloves: Rubber or chemical resistant.

Eye Protection: Chemical goggles, face shield.

Protective Clothing: Wear protective clothing along with rubber shoes or boots.

IX. SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing:

Wear protective equipment. Wash after handling. Keep containers closed and sealed. Safety shower and eyewash stations should be provided in the areas where this product is handled.

Other Precautions: Not applicable.

X. REVISED INFORMATION

MSDS Status: I. DOT Change