

MATERIAL SAFETY DATA SHEET

Prepared According to 29 CFR 1910, 1200

N/A (Not Applicable) N/E (Not Established)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Machine Dishwash
GENERIC NAME: Chlorinated Powder
Chlorinated Dishwash Powder
CHEMICAL FAMILY: Powder Mixture
PROPER SHIPPING NAME: Corrosive powder, N.O.S.,
8 UN176 PGI, (Sodium Hypochlorite, Sodium Hydroxide)

HMIS HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HEALTH _____ 2
FLAMMABILITY _____ 0
REACTIVITY _____ 1
PERSONAL PROTECTION _____ E

HAZARD RATING

4 = EXTREME
3 = HIGH
2 = MODERATE
1 = SLIGHT
0 = INSIGNIFICANT

SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

HAZARDOUS COMPONENTS	CAS#	TLV	% WT (OPT)
*Sodium hypochlorite	7681-52-9	N/E	<20%
*Sodium hydroxide	1310-73-2	2mg/m3	<20%

*Notification of these chemicals is required by SARA TITLE III Section 313.
You may be required to report these chemicals accordingly.

SECTION III - PHYSICAL DATA

PHYSICAL DESCRIPTION:
White powder
BOILING RANGE (JF): N/E
VAPOR PRESSURE: N/E
% VOLATILE: N/A
SOLUBILITY IN WATER: Complete
SPECIFIC GRAVITY: .94 ± .01
EVAPORATION RATE: N/A
pH:

SECTION V - REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY (Materials to Avoid): Strong acids and oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: In some cases
CO and CO₂

HAZARDOUS POLYMERIZATION:
Will not occur

SECTION IV - SPECIAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: Dust mask to prevent inhalation
PROTECTIVE GLOVES: Impervious
EYE PROTECTION: Safety glasses recommended
VENTILATION: Room ventilation is generally adequate
OTHER PROTECTIVE EQUIPMENT: Sufficient to prevent skin contact.
Eyewash and shower located near the workplace.

SECTION VI - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): Nonflammable
UPPER EXPLOSIVE LIMIT: N/E **LOWER EXPLOSIVE LIMIT:** N/E
EXTINGUISHING MEDIA: Use appropriate extinguishing media for the surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES: Self contained breathing apparatus and full protective clothing should be worn when fighting fires involving chemicals.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION VII - FIRST AID

EYES: Flush with water for at least 15 minutes, be sure to keep eyelids opened. Get immediate medical attention if irritation persists.

SKIN: Wash with plenty of soap and water. Wash contaminated clothing before wearing. Get medical attention if irritation persists.

INGESTION: Give milk or water to dilute. DO NOT INDUCE VOMITING. Get immediate medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

INHALATION: Remove victim to fresh air. If person is having difficulty in breathing, perform artificial respiration and get immediate medical attention.

SECTION VIII - HEALTH HAZARDS

EFFECTS OF OVEREXPOSURE (Primary Route of Entry)

SKIN: Irritant

EYES: Irritant

INHALATION: Irritant

CARCINOGENS: None suspected

NTP: **OSHA:**

IARC: **ACGIH:**

OTHER:

SECTION IX - STORAGE AND HANDLING

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
Use common sense and sound industrial hygiene practices when handling this material as well as any other materials. Keep container closed when not in use. Wear appropriate personal protection to avoid eye and skin contact. Wash hands after handling. Keep out of reach of children.

SECTION X - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear dust mask to avoid breathing excess dust. Scoop up any usable material. Sweep excess material and place into appropriate containers for disposal. Dispose of in accordance with federal, state, and local regulations.

EMPTY CONTAINERS DISPOSAL: Any disposal practices must be in compliance with federal, state and local laws. Any questions regarding disposal should be directed to the proper government agency.

Manufactured By: WARSAW CHEMICAL CO., INC.
390 Argonne Road, P.O. Box 858
Warsaw, IN 46581
574-267-3251 FAX: 574-267-3884

24-Hour Emergency No. INFOTRAC 1-800-535-5053

04/29/02