

MATERIAL SAFETY DATA SHEET

Prepared pursuant to 29 CFR §1910.1200(g)

SECTION 1: PRODUCT INFORMATION

Product Name CHLORINATED MACHINE DISH DETERGENT (Product No. 139)
Manufacturer Crown Chemical, Inc. Address 4701 W. 136th. St. Crestwood, IL 60445
Emergency Telephone Number (708) 371-6990

SECTION 2: HAZARDOUS INGREDIENTS

Name (Common Name)	CAS No.	%*	OSHA PEL	ACGIH TLV	SARA Title III Chemical Designation
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Contains No Hazardous Ingredients.

*Optional

**Subject to Reporting Requirements Under Section 313 of SARA Title III and 40 CFR Part 372. Upper Bound Percentage by Weight Provided.

Ingredients Listed as Carcinogens or Potential Carcinogens: None Listing Source: ___ NTP ___ IARC ___ OSHA ___ Animal Data

SECTION 3: PHYSICAL CHARACTERISTICS

Boiling Point NA Specific Gravity (H2O=1) NA Vapor Density (Air= 1) NA Vapor Pressure NA
pH (1% solution) >10.0 Solubility in Water 100% Evaporation Rate (H2O = 1) NA
Appearance and Odor White powder with chlorine odor.

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (TCC) NA Flammable Limits NA Extinguishing Media NA Special Firefighting Procedures NA
Unusual Fire and Explosion Hazards None

SECTION 5: REACTIVITY HAZARD DATA

Stability 100% Incompatibilities Acids, ammonia, halogens.
Hazardous Polymerization Will not occur Hazardous Decomposition By-Products None.

SECTION 6: HEALTH HAZARDS AND FIRST AID

Primary Exposure Routes: ___ Eye X Skin X Inhalation ___ Ingestion
Acute Effects IRRITANT. Contains alkaline ingredients. Concentrated product and solutions may cause irritation to eyes and skin. Dust or vapors may cause irritation to nasal passages and respiratory tract. Harmful or fatal if swallowed.

Chronic Effects None known

Medical Conditions Aggravated by Exposure None known

First Aid Procedures **EYES:** Flush immediately with copious amounts of water. Remove any contact lenses. Hold eyelid open and roll eyeball in all directions while flushing. Continue flushing for 15 minutes. Seek medical attention if irritation persists. **SKIN:** Immediately flush affected area with large quantities of water. Continue flushing for 15 minutes. Seek medical attention if irritation persists. **INGESTION:** Rinse out mouth, then drink large quantities of water. Do not induce vomiting. Seek immediate medical attention.

SECTION 7: CONTROL AND PROTECTIVE MEASURES

Respiratory Protection Vapor mask where needed to prevent inhalation of dust or vapor. Protective Gloves Waterproof recommended.
Eye Protection Safety glasses recommended. Do not wear contact lenses while handling this product.
Other Protective Clothing and Equipment None required
Hygienic Work Practices Avoid splashing. Never mix this product with other chemicals. Keep unused containers closed.
Ventilation Local exhaust to keep exposure below any PEL and TLV limits listed above.

SECTION 8: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Followed if Spilled or Released Neutralize with water. Mop up, sweep up, or otherwise absorb. Hold for disposal.
Waste Disposal Methods Promptly dispose of empty containers by any method which complies with applicable laws.
Storage Requirements Keep out of reach of children. Store between 50-120 degrees F.
Other Precautions or Special Hazards None known

The information and recommendations contained herein are believed to be reliable, but are given without warranty or guarantee of any kind, express or implied. The hazards provided in this Material Safety Data Sheet apply to this product in its concentrated form, and may differ significantly after dilution.

Date Prepared: January 1, 2011

NIPCA Hazardous Materials
Identification System

HEALTH.....2
FLAMMABILITY.....0
REACTIVITY.....0
PROTECTIVE EQUIPMENT.....B (See Section 7)

0 = Least
1 =Slight
2=Moderate
3=High
4=Severe
NA= Not Applicable
NE=Not Established