

Emergency Phone# 1800 479 9548
Information# (610)-259-5534

CYCLONE AUTOMATIC MACHINE DISH POWDER

Latest Revision Date... 8/11

Print Date..... 8/11

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT NAME OR NUMBER..... Cyclone Powdered Warewash Detergent
PRODUCT DESCRIPTION..... Powdered Warewash Concentrate
CHEMICAL FAMILY..... N/A
D.O.T. PROPER SHIPPING NAME... N/A
SHIPPING ID NUMBER..... N/A
HAZARD CLASS..... N/A
HMIS RATING..... Health 1, Flammability 0, Stability 0, See section 8 for personnel protection.

SECTION 2 HAZARDOUS INGREDIENTS / HAZARD DATA

CHEMICAL NAME(S)	CAS NUMBER	TLV-TWA	PEL
Sodium Carbonate	497-19-8	N/A	N/A
Sodium Metasilicate	6834-92-0	N/A	N/A
Sodium Tripoly Phosphate	7758-29-4	10 mg/m3	

This product contains no other ingredient considered hazardous according to the criteria of 29 CFR 1910.1200, OSHA

SECTION 3 PHYSICAL DATA

BOILING/MELTING POINT @760 mm Hg... 1/2 C @ 760 mm = 1465
pH..... 2500 ppm Solution = 11.2
VAPOR PRESSURE mm Hg @20 1/2 C..... N/A
VAPOR DENSITY (Air = 1)..... N/A
PERCENT VOLATILE BY WEIGHT (%)..... N/A
SPECIFIC GRAVITY OR BULK DENSITY... 2.509
SOLUBILITY IN WATER..... 33.2 Max.
EVAPORATION RATE (BuAc = 1)..... N/A
APPEARANCE..... White Granular Powder
ODOR..... Odorless

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT 1/2 F (Test Method)..... Noncombustable
AUTOIGNITION TEMPERATURE..... N/A
FLAMMABILITY LIMITS IN AIR (% V)... N/A
EXTINGUISHING MEDIA..... ALL
SPECIAL FIRE FIGHTING PROCEDURES... None
UNUSUAL FIRE & EXPLOSION HAZARDS... None

SECTION 5 HEALTH HAZARD DATA * EFFECTS OF OVEREXPOSURE

SKIN CONTACT..... Prolonged exposure to concentrate may cause slight irritation to highly sensitive skin.

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SECTION 5 HEALTH HAZARD DATA * EFFECTS OF OVEREXPOSURE CONT'D

EYE CONTACT..... Contact may cause tearing, and mild to severe irritation depending upon exposure.
INHALATION..... None Known
INGESTION..... May cause discomfort, nausea, vomiting, and irritation to mouth, esophagus, stomach, and
to other tissues with which contact is made.
CHRONIC EFFECTS OF OVEREXPOSURE... None Known
TOXICOLOGICAL TEST DATA..... N.A.

SECTION 6 EMERGENCY AND FIRST AID PROCEDURES

SKIN..... Immediately wash with plenty of water for at least 15 minutes. Remove contaminated clothing and footwear.
Wash clothing before reuse and discard footwear which cannot be decontaminated. Seek Medical attention
immediately.
EYES..... Immediately flush eyes with large amounts of water for at least 15 minutes forcibly holding lids apart to
ensure flushing of entire surface. then seek medical attention immediately.
INGESTION... Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting. give large
quantities of water. Then seek medical attention immediately
INHALATION...

SECTION 7 REACTIVITY DATA

PRODUCT STABILITY..... Stable
Conditions to Avoid..... Contact with acids
CHEMICAL INCOMPATIBILITY..... Reacts with acids with release of large volumes of Carbon Dioxide Gas and Heat.
HAZARDOUS DECOMPOSITION PRODUCTS... None
HAZARDOUS POLYMERIZATION..... None
Conditions to Avoid.....

SECTION 8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION... Dust mask for handling greater than 25 lbs
VENTILATION..... Satisfactory. Maintain adequate ventilation. Keep Levels below recommended TLV.
PROTECTIVE CLOTHING..... Wear Rubber gloves.
EYE PROTECTION..... Safety glasses
OTHER PRECAUTIONS..... N/A

SECTION 9 ENVIRONMENTAL DATA

SPILL OR LEAK PROCEDURES... Wear proper protective equipment including rubber boots. Stop leak if you can do so without
risk. dike or dam large spills. Ventilate area if needed. Soak up with sand.
WASTE DISPOSAL METHOD..... Comply with all federal, state, and local regulations. Consult state and local authorities for
restrictions on disposal of chemical waste.
CONTAINER DISPOSAL..... Rinse empty container thoroughly with water before discarding. Please recycle empty containers
whenever possible.
