

# MATERIAL SAFETY DATA SHEET

## SECTION I - COMPANY AND PRODUCT INFORMATION

EPA REG. Number..... 7616-70  
Product SKU Number:..... 3616  
Manufacturer's Name:..... Chem Lab Products, Inc.  
Emergency Telephone No.:..... (909) 390-9912 / (800) 424-9300 (CHEMTREC)  
Street Address:..... 5160 E. Airport Drive  
City/State/Zip code:..... Ontario, CA 91761  
Chemical Name and Synonyms:... Sodium Dichloro-s-Triazinetrione · Dihydrate  
Trade Name and Synonyms:..... **Aqua Guard All-In-One Chlorinating Granules**  
Chemical Family:..... Chloroisocyanurates  
Formula:.....  $\text{NaN}_3\text{O}_3\text{C}_3\text{Cl}_2 \cdot 2\text{H}_2\text{O}$   
CAS#:..... 51580-86-0  
NFPA Rating: Health:2 Flammability:0 Reactivity:1 Special: (ox)  
DOT Proper Shipping Name:..... Not Regulated  
DOT ID Number:..... Not Regulated  
DOT Hazard Class:..... Not Regulated  
Package Group:..... Not Regulated

## SECTION II - HAZARDOUS INGREDIENTS

Sodium Dichloro-s-Triazinetrione·Dihydrate ..... 99%

## SECTION III - PHYSICAL DATA

APPEARANCE.....	White granular solid	DECOMPOSITION TEMPERATURE.....	460°F
ODOR.....	Mild, Chlorine odor	BULK DENSITY (loose).....	57 lbs./ft. <sup>3</sup>
SPECIFIC GRAVITY.....	0.96	pH (in 1% solution).....	6-6.5
VAPOR PRESSURE (cm Hg.).....	N/A	SOLUBILITY IN WATER..	25g/100ml @ 30°C
PERCENT VOLATILE BY VOLUME.....	N/A	MOLECULAR WEIGHT.....	219.9
EVAPORATION RATE (____=1).....	N/A	VAPOR DENSITY (Air = 1).....	N/A

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT..... N/A  
FLAMMABLE LIMITS..... N/A  
EXTINGUISHING MEDIA..... Water fog.  
**SPECIAL FIRE FIGHTING PROCEDURES:**... Use self-contained breathing apparatus in close proximity of fire. Wear full protective clothing.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Use water spray to cool containers exposed to fire and massive quantities of water to dilute material involved in a fire or spilled from containers.

## SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE:..... None Established  
**EFFECTS OF OVEREXPOSURE:** Irritation of the eyes, nose, throat, pharynx and respiratory tract is likely to develop from exposures to the dust of this material.  
**EMERGENCY AND FIRST AID PROCEDURES: IF IN EYES:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention. **IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration. Get medical attention if breathing difficulty persists. **IF ON SKIN:** Wash with plenty soap and water. Get medical attention if irritation persists. **IF SWALLOWED:** Never give anything by mouth to an unconscious person. Rinse mouth with plenty of water and give water to drink. Do not induce vomiting. Call a physician or poison control center immediately.

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## SECTION VI - REACTIVITY DATA

**STABILITY:** This Product is stable

**CONDITIONS TO AVOID:** Keep dry - avoid prolonged storage in unventilated areas at summer temperatures.

**INCOMPATIBILITY:** (Materials to avoid) Small amounts of water, organic matter, oxidized materials; ammonia, urea or nitrogen containing compounds, inorganic reducing compounds, calcium hypochlorite; alkalis.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Upon thermal decomposition or contact with H<sub>2</sub>O, extremely dense and noxious fumes containing chlorine and other toxic gases may be produced.

**HAZARDOUS POLYMERIZATION:**..... WILL NOT OCCUR

## SECTION VII - SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN CASE OF MATERIAL RELEASED OR SPILLED:** Wear eye protection, protective clothing and respiratory protection during cleanup. Sweep up and recover or mix material with moist absorbent and shovel into waste container, wash down spill with copious amounts of water and flush to sanitary drain or sewer serviced by wastewater treatment facility.

**WASTE DISPOSAL METHOD:**... This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this Products into lake, streams, ponds, estuaries, oceans or other waters. Unless in accordance with the requirements of a National Pollutant Discharge Elimination system (NPDES) permit and the permitting authority has been notified in writing prior to the discharge. Do not discharge effluent containing this Products to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** (Specify type) Use MSHA-NIOSH approved respirator for dusts, mists, and fumes with TLV not less than .05 mg/m<sup>3</sup>

**VENTILATION:**

**LOCAL EXHAUST:**..... At open transfer points

**PROTECTIVE GLOVES:**..... Rubber Gloves

**EYE PROTECTION:**..... Chemical goggles

**OTHER PROTECTIVE EQUIPMENT:**... Chemical resistant apron.

## SECTION IX - SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Keep Products in tightly closed container when not in use. Store in cool, dry, well ventilated area away from heat and open flame. In case of decomposition, isolate container in open area, if possible, and flood with large amounts of water.

**OTHER PRECAUTIONS:** Do not reuse empty container. Rinse empty container thoroughly with water to dissolve all material before discarding. Place in trash collection or dispose in approved landfill area.

This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

Revised/Revised: 11/14/06