

MATERIAL SAFETY DATA SHEET: CB-3939

Section I - General Information

(000000-000000- - 092C)

Date of Issue:

9/23/2003 12:00:00 AM

Supersedes:

2/23/1999 12:00:00 AM

Chemical Name & Synonyms:

N/A

Trade Name & Synonyms:

CB-3939

Chemical Family:

BROMINE/CHLORINE COMPOUND

Formula is a mixture: [%]

Manufacturer Name:

CHEM-AQUA, INC

Manufacturer Address:

BOX 152170
IRVING, TEXAS 75015

Prepared By:

L Boynton/Chemist

Product Code Number:

4630

Emergency Phone Number:

800-424-9300

Section II - Hazardous Ingredients

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

<u>Chemical Name (Ingredients)</u>	<u>Hazard</u>	<u>TLV</u>	<u>PEL</u>	<u>STEL</u>	<u>CAS #</u>
1,3-DICHLORO-5,5-DIMETHYLHYDANTOIN	CORROSIVE	0.2MG/M3 1	0.2MG/M3 2	0.4MG/M3 1	118-52-5
1,3-DICHLORO-5-ETHYL-5-METHYLHYDANTOIN	CORROSIVE	0.2MG/M3 3	N/E 2.	N/E	89415-87-2
SODIUM CHLORIDE	IRRITANT	N/E 1.	N/E 2.	N/E	7647-14-5
3-BROMO-1-CHLORO-5,5-DIMETHYLHYDANTOIN	CORROSIVE	0.2MG/M3 3	N/E 2.	N/E	126-06-7
1-BROMO-3-CHLORO-5,5-DIMETHYLHYDANTOIN	CORROSIVE	0.2MG/M3 3	N/E 2.	N/E	16079-88-2

Section III - Physical Data

Boiling Point (°F): N/A	Specific Gravity (H₂O=1): 1.6
Vapor Pressure (mm Hg): N/A	Color: OFF-WHITE
Vapor Density (Air=1): N/A	Odor: PUNGENT
pH @ 100%: 3.6 @1%	Clarity: OPAQUE
% Volatile by Volume: NIL	Evaporation Rate (BuAc=1): <1
H₂O Solubility: APPRECIABLE	Viscosity: BRIQUETTES

Section IV - Fire and Explosion Hazard

Flash Point: 287°F
Flammable Limits: N/E
LEL: N/E

Method Used: C.O.C.

UEL: N/E

Aerosol Level (NFPA 30B): N/A

Extinguishing Media:

Foam Alcohol Foam CO2
 Dry Chemical Water Spray Other

NFPA 704 Hazard Rating:

4-Extreme Health: 3
3-High Flammability: 1
2-Moderate Instability: 1
1-Slight Special: OX
0-Insignificant

Special Fire Fighting Procedures:

FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY TO PREVENT BURSTING. AVOID HOSE STREAMS
1 0 0 1 419 190 Tm 97.0033 Tz -0.3146 0 1 3-H32L FIRE

Unusual Fire and Explosion Hazards:

AS WITH ALL ORGANIC DUSTS, FINE PARTICLES SUSPENDED IN AIR IN CRITICAL PROPORTIONS AND IN THE PRESENCE OF AN IGNITION SOURCE MAY IGNITE AND/OR EXPLODE. DUST MAY BE SENSITIVE TO IGNITION BY ELECTROSTATIC DISCHARGE, ELECTRICAL ARCS, SPARKS, WELDING TORCHES, CIGARETTES, OPEN FLAME OR OTHER SIGNIFICANT HEAT SOURCES. AS A PRECAUTION, IMPLEMENT STANDARD SAFETY MEASURES FOR HANDLING FINELY DIVIDED ORGANIC POWDERS RECOMMENDED IN SECTION X.

Section V - Health and Hazard Data

Threshold Limit Value:

0.2 MG/M3 (1&3)

Effects of Overexposure:

Acute: (Short Term Exposure)

EYE CONTACT: CORROSIVE. CAUSES BURNS, CORNEAL DAMAGE, AND POSSIBLE BLINDNESS. SKIN CONTACT: CORROSIVE. CAUSES BURNS AND POSSIBLE DEEP ULCERATIONS OR SCARRING. MAY CAUSE ALLERGIC SKIN REACTION SEEN AS DELAYED SKIN RASH WHICH MAY BE FOLLOWED BY BLISTERING, SCALING, AND OTHER SKIN EFFECTS. INHALATION: DUST CAUSES SEVERE IRRITATION TO

Section VII - Reactivity Data

Stability <input type="checkbox"/> Stable <input type="checkbox"/> Unstable Conditions to Avoid: AVOID CONTACT WITH OR STORAGE AROUND COMBUSTIBLE MATERIALS AND HIGH TEMPERATURES.

Hazardous Polymerization <input type="checkbox"/> Will not occur <input type="checkbox"/> May occur Conditions to Avoid: N/A

Incompatibility (Materials to Avoid):
ACIDS, ALKALIES, MOISTURE, AND OXIDIZABLE MATERIAL.

Hazardous Decomposition Products:
OXIDES OF CARBON AND NITROGEN; FUMES OF CHLORINE AND BROMINE.

Section VIII - Spill Or Leak Procedures

Steps to be Taken if Material is Released or Spilled:
ELIMINATE IGNITION SOURCES OF ELECTRICAL, STATIC, OR FRICTIONAL SPARKS. VENTILATE THE CONTAMINATED AREA AND AVOID CREATING DUSTY CONDITIONS. WEAR APPROPRIATE PROTECTIVE CLOTHING. TRANSFER SOLID USING NON-SPARKING EQUIPMENT INTO A PROPERLY LABELED CONTAINER FOR REUSE OR DISPOSAL. IF NECESSARY WASH AREA WITH WATER AND PICK UP WASH WATER FOR DISPOSAL. PREVENT PRODUCT FROM CONTAMINATING SOIL OR FROM ENTERING SEWAGE AND DRAINAGE SYSTEMS AND BODIES OF WATER.

Waste Disposal Method(s):
DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

Neutralizing Agent:
USE DILUTE, ALKALINE SODIUM BISULFITE OR THIOSULFATE SOLUTIONS. ADD CAUTIOUSLY WHILE MIXING. WEAR APPROPRIATE PROTECTIVE CLOTHING.

Section IX -

CONTAINERS TO HEAT, HOT SURFACES, SPARKS, OR OPEN FLAMES.

Other Precautions:

KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THE PRODUCT. FOLLOW THE LABEL DIRECTIONS.

Section XI -