

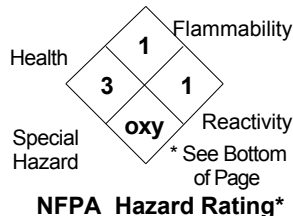
MATERIAL SAFETY DATA SHEET



Manufactured by:

ANDERSON

CHEMICAL COMPANY
325 SOUTH DAVIS AVENUE
LITCHFIELD, MINNESOTA 55355
(320) 693-2477



Health	3
Flammability	1
Reactivity	1
Personal Protection	X

HMIS Hazard Rating*

Product Name: **MB-9496**

24-HOUR EMERGENCY PHONE #: 1-800-424-9300 (CHEMTREC)

Revised: 1/29/2001

Imt

Supersedes: 1/7/2000

I. IDENTIFICATION

Chemical Name And Synonyms:

Not applicable

Chemical Family:

Halogenated hydantoin

DOT Shipping Name

Oxidizing Solid, N.O.S.
(Bromo-chloro-dimethylhydantoin)

DOT Hazard Class & I.D. Number

Oxidizer UN1479

PG
5.1 II

II. HAZARDOUS INGREDIENTS

Component	CAS NO.	%	TLV	PEL	Toxic	Hazard
1-bromo-3-chloro-	16079-88-2	96	NE	NE	NA	Corrosive to skin and eyes.
5, 5-dimethyl hydantoin						

**Toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR §372). NA: Not applicable
NE: Not established

III. PHYSICAL DATA

Boiling Point:	Not applicable	Form:	Solid		
Specific Gravity:	Not applicable	Solubility In Water:	Negligible	pH, 0.1% solution:	3.5
Appearance:	White solid (powder, granules, tablet)	Odor:	Faint halogen odor		

IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint:	Not Applicable
Extinguishing Media:	Flood with copious amounts of water. DO NOT use ABC or other dry chemical extinguishers since there is the potential for a violent reaction.
Special Fire Fighting Procedures:	In fires fueled by other materials this product may release hydrogen bromide, bromine, hydrogen chloride or chlorine. Wear self-contained breathing apparatus. Ammonium phosphate (ABC) fire extinguishers should not be used.
Unusual Fire And Explosion Hazards:	In large fires fueled by other materials the product may smolder for prolonged periods emitting a dense black smoke.

V. HEALTH HAZARD DATA

Carcinogenic:	The raw materials used in this product are not considered to be a carcinogen by ACGIH and OSHA.
Effects Of Over-exposure:	Corrosive. Can cause irreversible eye and skin damage from contact. Inhalation of dust can cause nasal and throat irritation. May be fatal if swallowed

Emergency And First

Aid Procedures:	Eyes: Flush with cold water for 15 minutes, raise eyelids for complete rinsing; get immediate medical attention. Skin: Flush with cold water for at least 15 minutes. If irritation persists, get medical attention. Wash contaminated clothing before reuse. Ingestion: Do NOT induce vomiting. Give large quantities of water. Get immediate medical attention. Never give liquids to an unconscious person. Inhalation: Move person to fresh air. If breathing stops, administer artificial respiration. If breathing is difficult, have a trained person administer oxygen. Get immediate medical attention.
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* NFPA/HMIS Degree or Hazard: 4 = Extreme; 3 = High; 2 = Moderate; 1 = Slight; 0 = Insignificant.

Continued On Back

HMIS A. Safety Glasses B. Safety Glasses, Gloves C. Safety Glasses, Gloves, Apron D. Face Shield, Gloves, Apron E. Safety Glasses, Gloves, Dust Respirator F. Safety Glasses, Gloves, Apron, Dust Respirator G. Safety Glasses, Gloves, Vapor Respirator H. Splash Goggles, Gloves, Apron, Vapor Respirator I. Safety Glasses, Gloves, Vapor and Dust Respirator J. Splash Goggles, Gloves, Apron, Vapor and Dust Respirator K. Air Line, Hood or Mask, Gloves, Full Suit, Boots X. Ask your supervisor for guidance.

VI. REACTIVITY DATA

Stability - Unstable: ☐ Stable: ☒

Conditions To Avoid: High temperature, poor ventilation, contamination, moisture/humidity.

Incompatibility: Avoid contact with water on concentrated material in the container. Avoid contact with easily oxidizable material (ammonia, urea, or similar nitrogen containing compound), inorganic reducing compounds, floor sweeping compounds, cyanuric acid containing compounds, calcium hypochlorite, alkalis. Contact with all other chemicals.

Hazardous

Decomposition Products: Hydrogen Bromide, bromine, hydrogen chloride, chlorine.

VII. SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released Or Spilled:

Wear appropriate protective clothing and safety equipment. Contain spilled material. Do not add water to spilled material. Using clean dedicated equipment, sweep up spilled material and place in a clean, labeled, suitable container. Do not use floor sweeping compounds to clean up spill. Do not close containers containing wet or damp material. Keep product out of sewers, watersheds and water systems. Avoid contact with skin, eyes, or clothing. Avoid inhalation of dusts. Wash area of spill with large amounts of water.

Waste Disposal Method: Dispose according to local, state, and federal regulations.

VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: If dust level is high, wear NIOSH approved respirator.

Ventilation: General room ventilation plus local exhaust should be used to minimize exposure to dust.

Protective Gloves: Impervious gloves

Eye Protection: Safety goggles.

Protective Clothing: To minimize skin contact.

IX. SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing:

Do not mix with other chemicals. Mix only with water. Always add product to water, not water to product. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction. Contamination with moisture, organic matter, or other chemicals will start a chemical reaction. In case of contamination, do not reseal container. Keep product dry in tightly closed original container. Store in cool, dry, well ventilated area separated from heat, open flames, organic chemicals, and sunlight. Transfer contents only to clean and dry containers. Always replace the cover. Do not contaminate water, food, or feed by storage or disposal. Do not store above 125°F.

Other Precautions: Eye wash stations, safety showers, and sinks should be maintained in the work area.

X. REVISED INFORMATION

MSDS Status: Updated supplier information (all sections effected)