

MATERIAL SAFETY DATA SHEET

SECTION 1 - General Information

PRODUCT NAME **Photobrome Tablets**

PRODUCT USE	Biological growth inhibitor	HMIS SCALE	HEALTH 3	FLAMMABILITY 1	REACTIVITY 2	PPE J
SUPPLIER	White Mountain Imaging	CATALOG #		3507, 3508, 3509, 3510		
ADDRESS	PO Box 216 Salisbury NH 03268					
PHONE NO.	603-648-2124	EMERGENCY TEL #	CHEMTREC 800-424-9300			

SECTION 2 - Product and Hazardous Ingredients Information

HAZARDOUS INGREDIENTS	CAS NUMBER	W/W %	Permissible Exposure Limit	LD50	LC50
1-bromo-3chloro-5,5 dimethylhydantoin	16079-88-2	92.5	not listed	1390 mg/kg	not available
Sodium carbonate	497-19-8	4.5	not listed	4090 mg/kg	2300

SECTION 3 - Hazards Identification

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

May be fatal if swallowed. Highly corrosive to skin and eyes. Causes skin and eye damage. Irritating to nose and throat if inhaled. Probable mucous damage may contraindicate the use of the gastric valve.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

None known

SECTION 4 - First Aid Measures

SKIN CONTACT

Wash exposed skin thoroughly with cold water for at least 15 minutes. If irritation persists seek medical advice.

EYE CONTACT

Flush eyes with water for at least 15 minutes. Seek medical attention immediately.

INGESTION

DO NOT induce vomiting. Drink large amounts of water. Avoid alcohol. Seek medical attention immediately.

INHALATION

If inhaled, remove to fresh air. If breathing is difficult administer oxygen. Seek medical attention immediately.

SECTION 5 - Fire Fighting Measures

FLAMMABILITY YES NO IF YES, UNDER WHAT CONDITIONS

MEANS OF EXTINCTION

As needed to extinguish adjacent fire source. If heated to above 350°F, this product will undergo self-sustaining decomposition with dense noxious gases and large amounts of oxygen.

FLASHPOINT (°C) AND METHOD	UPPER FLAMMABLE LIMIT (% BY VOLUME)	LOWER FLAMMABLE LIMIT (% BY VOLUME)	AUTOIGNITION TEMPERATURE (°C)
Not appropriate	Not appropriate	Not appropriate	Not appropriate
HAZARDOUS COMBUSTION PRODUCTS	EXPLOSION DATA	SENSITIVITY TO IMPACT	SENSITIVITY TO STATIC DISCHARGE
See "Hazardous Decomposition Products".	Not susceptible	Not susceptible	Not susceptible

SECTION 6 - Accidental Release

Do not add water to spilled material. Sweep and scoop all spilled materials and place in a clean dry container for disposal. Do not use floor sweep compounds to clean up spills. Do not close containers containing wet or damp materials. Wear splash goggles, impervious gloves and apron. Keep product out of sewers. Consult with governmental regulatory agencies for appropriate disposal of this material

SECTION 7 - Handling and Storage

Strong oxidizing agent. DO NOT ALLOW THIS PRODUCT TO COME INTO CONTACT WITH FIXER. Always add product to large quantities of water. Keep this product in the original closed container when not in use. Store in dry, well ventilated area away from heat or open flame.

Photobrome Tablets**SECTION 8 - Exposure Controls**

VENTIATION Good general ventilation.

SKIN Latex or nitrile

EYE Splash goggles

RESPIRATORY NIOSH approved

OTHER Eye wash station

SECTION 9 - Physical and Chemical Properties

PHYSICAL STATE Solid	ODOR AND APPEARANCE Solid white tablet with bromine odor			ODOR THRESHOLD Not available
VAPOUR PRESSURE (mmHg) Not applicable	VAPOUR DENSITY (Air = 1) >1	EVAPORATION RATE (Water = 1) < butyl acetate	BOILING POINT Not applicable	FREEZING POINT Not applicable
pH 4.5	SPECIFIC GRAVITY Not applicable	SOLUBILITY IN WATER (20°C) 0.15 g/100g	COEFF WATER OIL Not available	PERCENT VOLATILE (BY VOLUME) Not applicable

SECTION 10 - Stability and Reactivity DataCHEMICAL STABILITY YES NO IF NO, UNDER WHAT CONDITIONS
photographic fixer, ammonia, urea or any nitrogen containing materials.

INCOMPATIBILITY WITH OTHER SUBSTANCES IF YES, WHICH ONES?

YES NO

REACTIVITY, AND UNDER WHAT CONDITIONS Stable under ambient pressure and temperature.

HAZARDOUS DECOMPOSITION PRODUCTS Halogen containing gases, COx

SECTION 11 - Toxicological Information

EXPOSURE LIMITS None known	IRRITANCY OF PRODUCT Eye: Corrosive Skin: Corrosive	SENSITIZATION TO PRODUCT None known	CARCINOGENICITY Not listed by IARC, OSHA or ACGIH.
TERATOGENICITY Not known	REPRODUCTIVE TOXICITY Not known	MUTAGENICITY Not known	SYNERGISTIC PRODUCTS Not known

SECTION 12 - Ecological Information

Photobrome is a pesticide and toxic to fish and aquatic organisms. Do not discharge directly to any watercourse.

SECTION 13 - Disposal Considerations

Pesticide wastes are toxic. Dispose of this product in accordance with federal, state and/or local laws.

SECTION 14 - Transportation Information

Oxidizing substances, Solid n.o.s. Class 5.1, UN 1479, PG II

SECTION 15 - Regulatory Information

WHMIS Classes E, C

SECTION 16 - Other Information

The information contained in this MSDS is furnished without warranty of any kind. The user should consider this data a supplement to other data gathered and must make an independent determination of suitability from this and other sources to assure proper use and disposal of this material and the health and safety of employees and customers.