

I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 00296

PRODUCT NAME: B.I.O. BLAST 650

USE: Water treatment biocide PCP # 26986

SUPPLIER:

JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: exempt

CHEMICAL FAMILY: Organic

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
1-bromo-3-chloro-5,5-dimethylhydantoin	40-70	000126-06-7	Not available	n/a
1,3-dichloro-5, 5-dimethylhydantoin	10-30	000118-52-5	LD50 766 mg/kg	oral/rat
1,3-dichloro-5-ethyl-5-methylhydantoin	5-10	089415-87-2	Not available	n/a

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Natural rubber or Neoprene

Eye: safety goggles

Footwear: boots

Respiratory: If mists are generated, use NIOSH approved mask.

Other: rubber apron

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact. Minimize dust generation and exposure. Do not breathe dust, mist, spray or vapours.

VENTILATION REQUIREMENTS: mechanical exhaust

INCOMPATIBILITY (Material to Avoid): Acids. Reducing agents.

SPILL PROCEDURES: Sweep or scoop up material for disposal. Wipe spill with large volumes of water.

WASTE DISPOSAL: Dispose according to municipal, provincial, and federal regulations.

STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container. UN1479

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Off-white briquettes, slight pungent odour.

S.G. / BULK DENSITY(g/cc): 1.00

pH: not applicable

VAPOUR PRESSURE (mmHg): not applicable

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not available

BOILING POINT: not applicable

FREEZING POINT: not applicable

PERCENT VOLATILE: not available

SOLUBILITY IN WATER: 0.54g/100g at25°C

EVAPORATION RATE (water=1): <1

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: May cause severe irritation. Prolonged contact may cause permanent damage if not treated promptly.

SKIN: May cause severe irritation. May cause temporary or permanent damage if not treated promptly. Repeated skin exposure may induce sensitization.

INGESTION: May cause severe irritation of the digestive tract. May cause temporary or permanent damage if not treated promptly.

INHALATION: May cause severe irritation of respiratory tract.

LD50 (calculated): 468 mg/kg oral/rat		LC50 (calculated):	
OTHER TOXIC EFFECTS: Not known			
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: Not known			
VI - FIRST AID MEASURES			
EYES: Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately.			
SKIN: Flush affected area thoroughly with water. If irritation develops, contact a physician.			
INGESTION: Drink large volumes of water . Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician immediately.			
INHALATION: Remove patient to fresh air. Contact a physician immediately.			
VII - FIRE AND EXPLOSION DATA			
FLAMMABLE: No			
FLASH POINT, °C: not applicable		AUTO IGNITION TEMPERATURE, °C: N/App.	
EXTINGUISHING MEDIA: Water [X] Dry Chemical [X] Carbon Dioxide [X] Foam [X] Other []			
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective coating.			
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon. Oxides of nitrogen. Chlorine. Unidentified organic compounds. May ignite combustible materials. Airborn dust of this product in an enclosed space in the presence of an ignition source may constitute an explosive hazard.			
EXPLOSIVE SENSITIVITY TO: see above			
VIII - REACTIVITY DATA			
STABILITY: Stable [X] Unstable []			
CONDITIONS TO AVOID: high temperature			
INCOMPATIBILITY (Material to Avoid) : Acids. Alkalies. Readily oxidizable matter.			
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, chlorine.			
REACTIVITY: not dangerously reactive.			
IX - MSDS PREPARATION			
SOURCES USED: Raw Material MSDS		PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200	
PREPARATION DATE: April 15, 2003			
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