


BioLab

 Safety & Governmental Affairs
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Product Safety Data Sheet

1. IDENTIFICATION

PRODUCT NAME: Brominating Tablets/727

FORMULA: $C_7H_5BrClN_2O_2$ CHEMICAL

CHEMICAL NAME: 1-Bromo-3-Chloro-5,5-dimethylhydantoin

CHEMICAL FAMILY: Halogenated Hydantoin

Listed on TSCA Inventory? Yes () ; No () ; N/A* () CAS No.126-06-7

*Not applicable for any chemical mixtures or for substances regulated totally by FIFRA or FDA.

2. HAZARDOUS INGREDIENTS

1-Bromo-3-Chloro-5,5-Dimethylhydantoin

%

 TLV
 (Units)

3. EMERGENCY AND FIRST AID ACUTE HEALTH HAZARDS

(Route(s) of entry, signs and symptoms and medical conditions aggravated by exposure).

Corrosive. Causes eye and skin damage. May be fatal if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Irritating to nose and throat. Avoid breathing dust. Remove and wash contaminated clothing before reuse.

STATEMENT OF PRACTICAL TREATMENT: If swallowed, feed bread soaked in milk, followed by oil or cooking oil. Seek medical attention immediately. In case of skin contact, brush off excess chemical and flush skin with cold water for at least 15 minutes. If irritation develops, seek medical attention. In case of eye contact, flush eyes with cold water for at least 15 minutes. Seek medical attention promptly. If inhaled, remove to fresh air and seek medical attention.

CARCINOGENICITY: Yes () Sources:
 No (X)

4. DESCRIPTION AND PHYSICAL DATA

PHYSICAL FORM: Solid (X) ; Liquid () ; Gas ()

APPEARANCE (color and odor): white chunks
 halogen odor

SOLUBILITY IN WATER:

Insoluble () ; moderate (X) ; complete ()

SPECIFIC GRAVITY: ($H_2O=1$) NA

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used): NA

EXTINGUISHING MEDIA: Water (X) ; Carbon dioxide () ; Dry chemical () ; Not applicable ()

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contamination with organic matter, acids, or ammon may generate fumes leading to fire or explosion.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS: HBr, Br₂

This form complies with OSHA's Hazard Communication Standard, 29CFR 1910-1200. Equivalent OSHA Form 174.

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