

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-327/32718-18-6.htm> for suppliers of this product.

## Composition/Information on Ingredient

### Cas:

32718-18-6

### Code:

M

### RTECS:

### Code:

X

### Name:

1-BROMO-3-CHLORO-5,5-DIMETHYLHYDANTOIN

### Other REC Limits:

N/K

### OSHA PEL:

N/K

### Code:

M

### OSHA STEL:

### Code:

### ACGIH TLV:

N/K

### Code:

M

### ACGIH STEL:

N/P

### Code:

## Control Measures

### Respiratory Protection:

IF VENTILATION IS INADEQUATE/SIGNIFICANT PRODUCT EXPOSURE IS LIKELY, USE RESPIRATOR W/ACID GASSES CARTRIDGES & DUST/MIST PREFILTERS.

### Ventilation:

ADEQUATE TO MAINTAIN AIR CONTAMINANTS BELOW EXPOSURE LIMITS.

### Protective Gloves:

GAUNTLET-TYPE RUBBER

### Eye Protection:

AIRTIGHT CHEMICAL GOGGLES

### Other Protective Equipment:

Equipment CHEMICAL RESISTANT APRON

### Work Hygienic Practices:

3 REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH OFF AFTER EACH USE.

### Supplemental Safety and Health:

N/K

## Health Hazards Data

### LD50/LC50 Mixture:

N/P

### Route Of Entry Inds - Inhalation:

YES

### Skin:

NO

### Ingestion:

NO

### Carcinogenicity Inds - NTP:

NO

### IARC:

NO

### OSHA:

NO

### Health Hazards Acute And Chronic:

SKIN: MODERATELY IRRITATING. MAY BE CORROSIVE IF IN CONTACT W/MOIST SKIN. EYES: SEVERE IRRITATION. INHALATION: DUST CAUSES IRRITATION TO UPPER RESPIRATORY TRACT. INGESTION: BASED ON TESTING RESULTS, MAY BE TOXIC IF INGESTED.

### Explanation Of Carcinogenicity:

NONE

### Signs And Symptoms Of Overexposure:

IRRITATION, REDNESS, ITCHING

### Medical Cond Aggravated By Exposure:

N/K

### First Aid:

SKIN: WASH W/LARGE AMOUNTS OF SOAP SOLUTION/WATER FOR 15 MINS. EYES: IMMEDIATELY FLUSH W/WATER FOR 15 MINS. INHALATION: REMOVE FROM CONTAMINATED AREA, APPLY NECESSARY FIRST AID TREATMENT. INGESTION: DON'T FEED ANYTHING TO MOUTH IF UNCONSCIOUS/CONVULSIVE. DON'T INDUCE VOMITING. DILUTE CONTENTS OF STOMACH USING 3-4 GLASSES MILK/WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

### Spill Release Procedures:

VENTILATE AREA, USE PROTECTIVE EQUIPMENT. MATERIAL WHICH CAN'T BE RECOVERED FOR REUSE, CAN BE PLACED IN A WASTE DISPOSAL CONTAINER & DISPOSED OF IN AN APPROVED PESTICIDE LANDFILL. PRODUCT RELEASES CHLORINE WHEN WET. NEUTRALIZE W/3% HYDROGEN PEROXIDE.

### Neutralizing Agent:

2 N/K

### Waste Disposal Methods:

WATER CONTAMINATED W/THIS PRODUCT MAY BE SENT TO A SANITARY SEWER TREATMENT FACILITY IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS. UN1479 OXIDIZER. D001 IGNITABLE.

### Handling And Storage Precautions:

KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP DRY. DON'T STORE AT HIGH TEMP/NEAR OXIDIZABLES/COMBUSTIBLES.

### Other Precautions:

AVOID CONTACT W/REDUCING AGENTS, OILS, GREASES, ORGANICS & ACIDS.

## Fire and Explosion Hazard Information

### Flash Point Method:

PMCC

### Flash Point:

>200

### Autoignition Temp:

N/A

### Autoignition Temp Text:

N/A

### Lower Limits:

N/K

### Upper Limits:

N/K

### Extinguishing Media:

WATER

### Fire Fighting Procedures:

WEAR POSITIVE PRESSURE SELF CONTAINED BREATHING APPARATUS (FULL FACE PIECE TYPE). FLOOD W/WATER. USE OF CO2/FOAM MAY NOT BE EFFECTIVE.

### Unusual Fire/Explosion Hazard:

N/K

## Physical/Chemical Properties

### HCC:

D1

### NRC/State Lic No:

N/P

### Net Prop Wt For Ammo:

N/A

### Boiling Point:

N/K

### B.P. Text:

N/K

### Melt/Freeze Pt:

N/K

### Decomp Temp:

N/K

### Decomp Text:

N/K

### Vapor Pres:

<1

### Vapor Density:

<1

### Volatile Org Content %:

N/A

### Spec Gravity:

N/K

### VOC Pounds/Gallon:

N/A

### PH:

4.7

### VOC Grams/Liter:

N/A

### Viscosity:

N/P

### Evaporation Rate & Reference:

(ETHER =1)

### Solubility in Water:

0.1%

### Appearance and Odor:

TABLETS

### Percent Volatiles by Volume:

N/K

### Corrosion Rate:

N/K

## Reactivity Data

### Stability Indicator:

YES

### Stability Condition To Avoid:

MOISTURE, HIGH TEMPERATURES

### Materials To Avoid:

ALKALIES, ACIDS, ORGANICS/REDUCING AGENTS, OILS & GREASES

### Hazardous Decomposition Products:

HALOGEN GASES, ELEMENTAL OXIDES

### Hazardous Polymerization Indicator:

NO

### Conditions To Avoid Polymerization:

N/K

## Toxicological Information

### Information:

N/P

## MSDS Transport Information

### Information:

N/P

## Regulatory Information

### Sara Title III Information:

N/P

### Federal Regulatory Information:

N/P

### State Regulatory Information:

N/P

## Other Information

### Information:

N/P

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