

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-235/23593-75-1.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
23593-75-1

**Code:**  
M

**RTECS:**  
NI4377000

**Code:**  
M

**Name:**  
1-(O-CHLORO-ALPHA,ALPHA-DIPHENYLBENZYL)IMIDAZOLE

**Other REC Limits:**  
NONE RECOMMENDED

**OSHA PEL:**  
NOT ESTABLISHED

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED

**Code:**  
M

**ACGIHSTEL:**  
N/P

**Code:**  
1

## Control Measures

**Respiratory Protection:**  
DUST MASK. IF NECESSARY USE 3M 8710 DUST RESPIRATOR.

**Ventilation:**  
LOCAL

**Protective Gloves:**  
CHEMICAL RESISTANT

**Eye Protection:**  
SAFETY GLASSES

**Other Protective Equipment:**  
Equipment NONE NECESSARY

**Work Hygienic Practices:**  
NORMAL CLINICAL PRACTICE.

**Supplemental Safety and Health:**  
KEY2:KT MSDS IS VERY POOR.

## Health Hazards Data

**LD50LC50Mixture:**  
LD50 (ORAL RAT) IS UNKNOWN

**Route Of Entry Inds - Inhalation:**  
NO

**Skin:**  
NO

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
ADMINISTERED ORALLY - ICAL MEMBRANE CONTACT. ACUTE WAS LEFT BLANK. CHRONIC SAID NO DATA AVAILABLE.

**Explanation Of Carcinogenicity:**  
MANUFACTURED GAVE NO COMMENTS OTHER THAN THE REFERENCE TO THE THREE LISTINGS.

**Signs And Symptoms Of Overexposure:**  
NO DATA AVAILABLE

**Medical Cond Aggravated By Exposure:**  
ABNORMAL LIVER FUNCTION TESTS IN SOME PATIENTS. PERIODIC ASSESSMENT OF HEPATIC FUNCTION IS ADVISALE IN PATIENTS WITH PRE-EXISTING HEPATIC IMPAIRMENT.

**First Aid:**  
NONE REQUIRED

**Spill Release Procedures:**  
SCOOP DRY MATERIAL INTO SUITABLE CONTAINER. WASH DOWN AREA WITH SOAP & WATER.

**Neutralizing Agent:**  
NO INFORMATION GIVEN ON MSDS BY MFR.

**Waste Disposal Methods:**  
INCINERATE I/A/W FEDERAL, STATE & LOCAL REGULATIONS.

**Handling And Storage Precautions:**  
AVOID DUST FORMATION.

**Other Precautions:**  
NONE

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
"NOT APPLICABLE"

**Autoignition Temp:**

**Autoignition Temp Text:**  
BLANK 2

**Lower Limits:**  
BLANK

**Upper Limits:**  
BLANK

**Extinguishing Media:**  
WATER FOG, FOAM, DRY CHEMICAL, CARBON DIOXIDE

**Fire Fighting Procedures:**  
USE OF POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED.

**Unusual Fire/Explosion Hazard:**  
NONE KNOWN

## Physical/Chemical Properties

**HCC:**  
N1

**NRC/State LIC No:**  
NONE

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
BLANK

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
BLANK

**Decomp Temp:**

**Decomp Text:**  
UNKNOWN

**Vapor Pres:**  
BLANK

**Vapor Density:**  
BLANK

**Volatile Org Content %:**

**Spec Gravity:**  
BLANK

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
UNKNOWN

**Evaporation Rate & Reference:**  
BLANK 3

**Solubility in Water:**  
TABLET DISINTEGRATES

**Appearance and Odor:**  
WHITE DISCOID UNCOATED TABLET

**Percent Volatiles by Volume:**  
BLANK

**Corrosion Rate:**  
UNKNOWN

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
BLANK

**Materials To Avoid:**  
STRONG OXIDIZING AND REDUCING AGENTS - I.E. SODIUM NITRITES, SODIUM PEROXIDE, POSTASSIUM NITRATE.

**Hazardous Decomposition Products:**  
HYDROGEN CHLORIDE, NITROGEN OXIDE

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
WILL NOT OCCUR

## 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

**Other Information:**N/P



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### WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.