

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-523/523-87-5.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
523-87-5  
**Code:**  
M

**RTECS:**  
XH5082000  
**Code:**  
M

**Name:**  
DIMENHYDRINATE \*94-3\*

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
N/K  
**Code:**  
M N/P

**ACGIHSTEL:**  
EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem  
**Code:**  
1 ACGIH STEL:

## Control Measures

**Respiratory Protection:**  
WEAR NIOSH APPROVED RESPIRATOR.

**Ventilation:**  
ADEQUATE. LOCAL EXHAUST/MECHANICAL (GENERAL): RECOMMENDED.

**Protective Gloves:**  
NEOPRENE, RUBBER

**Eye Protection:**  
SAFETY GOGGLES

**Other Protective Equipment:**  
Equipment APPROPRIATE LABORATORY APPAREL

**Work Hygienic Practices:**  
REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.

**Supplemental Safety and Health:**  
FIRST AID CONT'D: SALINE CATHARTICS/MILK OF MAGNESIA. VASOPRESSORS TO TREAT HYPOTENSION. DONT USE EPINEPHRINE MAY FUTHER LOWER BLOOD PRESSURE. OXYGEN & INTRAVENOUS FLUIDS. DONT USE STIMULANTS/ANALEP TIC AGENTS BECAUSE THEY MAY CAUSE SEIZURES. OBTAIN MEDICAL ATTENTION IN ALL CASES.

## Health Hazards Data

**LD50LC50Mixture:**  
ORAL LD50 (RAT): 1320 MG/KG

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
TACHYCARDIA/EPIGASTRIC DISTRESS. POSSIBLE ALLERGIC REACTION TO DUST IF INHALED/INGESTED/CONTACT W/SKIN. EYE/SKIN/RESPIRTORY TRACT IRRITATION. POSSIBLE HYPERSENSITIZATION. IRRITATING TO MUCOUS MEMBRANE S/RESPIRATORY TRACT. INDIVIDUALS HYPERSENSITIVE TO OTHER ANTIHISTAMINES MAY BE HYPERSENSITIVE TO THIS MATERIAL ALSO.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
IRRITATION, DROWSINESS, DIZZINESS, DRY MOUTH, BLURRED VISION, DIFFICULT/PAINFUL URINATION, HEADACHE, ANOREXIA, NERVOUSNESS, RESTLESSNESS, INSOMNIA, RASH, EXCITATION, NAUSEA.

**Medical Cond Aggravated By Exposure:**  
HYPERSENSITIVITY TO MATERIAL, GLAUCOMA.

**First Aid:**  
INHALATION: REMOVE TO FRESH AIR. EYES/SKIN: FLUSH W/COPIOUS QUANTITIES OF WATER. INGESTION: FLUSH OUT MOUTH W/WATER. NO SPECIFIC ANTIDOTE FOR OVERDOSE W/ANTIHISTAMINES. TREAT SYMPTOMATICALLY/SUPPORTIV ELY. UTILIZE FOLLOWING: TRIDUCTION OF EMESIS W/SYRUP OF IPECAC. ASPIRATION HAZARD IN INFANTS/CHILDREN. GASTRIC LAVAGE W/ISOTONIC/0.45% SODIUM CHLORIDE SOLUTION IF UNABLE TO VOMIT W/IN 3 HOURS. (SUPP)

**Spill Release Procedures:**  
WEAR APPROVED RESPIRATOR & CHEMICALLY COMPATIBLE GLOVES. VACUUM/SWEEP UP. AVOID DUST. PLACE MATERIAL IN APPROPRIATE CONTAINER FOR WASTE DISPOSAL. VENTILATE AREA & WASH SITE.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

**Handling And Storage Precautions:**  
STORE IN TIGHT CONTAINER. SHOULD BE HANDLED/STORED PER LABEL/OTHER INSTRUCTIONS TO ENSURE PRODUCT INTEGRITY. USE W/ADEQUATE VENTILATION.

**Other Precautions:**  
AVOID CONTACT W/EYES, SKIN/CLOTHING. AVOID BREATHING DUST/MIST/FUMES/VAPORS. USE W/ADEAUATE DUST CONROL. DONT PERMIT EATING/DRINKING/SMOKING NEAR MATERIAL.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
N/K

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
WATER SPRAY, DRY CHEMICAL, CO2, FOAM AS APPROPRIATE FOR SURROUNDING FIRE/MATERIALS.

**Fire Fighting Procedures:**  
EVACUATE AREA. WEAR SELF CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING.

**Unusual Fire/Explosion Hazard:**  
MATERIAL IS ASSUMED TO BE COMBUSTIBLE. AS W/ALL DRY POWDERS IT'S ADVISABLE TO GROUND MECHANICAL EQUIPMENT IN CONTACT W/DRY MATERIAL TO DISSIPATE STATIC.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/K 3

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
N/K

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
N/K

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
N/K

**Solubility in Water:**  
SLIGHT

**Appearance and Odor:**  
WHITE CRYSTALLINE POWDER W/NO ODOR

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HEAT

**Materials To Avoid:**  
OXIDIZING AGENTS

**Hazardous Decomposition Products:**  
TOXIC FUMES, NITROGEN OXIDES, CHLORIDE

**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

**Other Information:**N/P