

# 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

**ACGIH STEL:**

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. DON'T USE EPINEPHRINE MAY FURTHER LOWER BLOOD PRESSURE. OXYGEN & INTRAVENOUS FLUIDS. DON'T USE STIMULANTS/ANALEPTIC AGENTS BECAUSE THEY MAY CAUSE SEIZURES. OBTAIN MEDICAL ATTENTION IN ALL CASES.

## Health Hazards Data

**LD50/LC50 Mixture:**

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/RESPIRATORY 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 Symptoms 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/SUPPORTIVELY. 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/ADEQUATE DUST CONTROL. DON'T 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:**

N/A

**Autoignition Temp Text:**

N/A

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

WATER SPRAY, DRY CHEMICAL, CO<sub>2</sub>, 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:**

N/P

**Boiling Point:**

N/K

**B.P. Text:**

N/K

**Melt/Freeze Pt:**

N/K

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

N/K

**Decomp Temp:**

N/K

**Decomp Text:**

N/K

**Vapor Pres:**

N/K

**Vapor Density:**

N/K

**Volatile Org Content %:**

N/K

**Spec Gravity:**

N/K

**VOC Pounds/Gallon:**

N/K

**PH: N/K****VOC Grams/Liter:**

N/K

**Viscosity:**

N/K

**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

**Other Information:**

N/P

## Toxicological Information

**Information:**

N/P

## MSDS/Transport Information

**Regulatory Information:**

N/P

**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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