

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-709/70956-04-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

70956-04-6

**Code:**

M

**RTECS:**

KM6557000

**Code:**

M

**Name:**

RANITIDINE HYDROCHLORIDE \*95-1\*

**Other REC Limits:**

N/K

**OSHA PEL:**

0.05 MG/M3

**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:**

RECOMMENDED BY NIOSH/MSHA.

**Ventilation:**

LOCAL EXHAUST VENTILATION

**Protective Gloves:**

REQUIRED

**Eye Protection:**

REQUIRED

**Other Protective Equipment:**

Equipment N/K

**Work Hygienic Practices:**

REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

**Supplemental Safety and Health:**

N/K

## Health Hazards Data

**LD50/LC50 Mixture:**

N/P

**Route Of Entry Inds - Inhalation:**

NO

**Skin:**

NO

**Ingestion:**

NO

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

SKIN: IRRITATION, SENSITIZATION. INHALATION: IRRITATION OF THE MUCOUS MEMBRANES. EYES: IRRITATION. INGESTION: ADVERSE EFFECTS THAT HAVE BEEN OBSERVED W/RAINITIDINE USED CLINICALLY ARE REVERSIBLE INFLAMMATION OF THE LIVER WHICH MAY BE ACCOMPANIED BY JAUNDICE.

**Explanation Of Carcinogenicity:**

NONE

**Signs And Symptoms Of Overexposure:**

IRRITATION, RASH, SHORTNESS OF BREATH, WHEEZING, ITCHY RASH, NASAL CONGESTION, RUNNY NOSE, HEADACHE, JAUNDICE.

**Medical Cond Aggravated By Exposure:**

N/K

**First Aid:**

EYES: FLUSH W/LARGE AMOUNTS OF WATER. SKIN: WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. INGESTION: RINSE MOUTH, GIVE LARGE QUANTITIES OF WATER & ENCOURAGE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**

WEAR FULL PROTECTIVE EQUIPMENT. COLLECT BY CAREFULLY SWEEPING/VACUUMING W/HEPA FILTERED VACUUM & PLACE IN LABELED, SEALED CONTAINER FOR REUSE/DISPOSAL. WASH AREA W/WATER AFTER VACUUMING.

**Neutralizing Agent:**

N/K

**Waste Disposal Methods:**

INCINERATE AT AN APPROVED FACILITY IAW/FEDERAL, STATE & LOCAL REGULATIONS.

**Handling And Storage Precautions:**

USE PRACTICES THAT WILL MINIMIZE GENERATION OF DUST.

**Other Precautions:**

AVOID BODY CONTACT.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P 2

**Flash Point:****Flash Point Text:**

N/R

**Autoignition Temp:**

N/A

**Autoignition Temp Text:**

N/A

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

WATER SPRAY, FOAM, MULTI-PURPOSE DRY CHEMICAL

**Fire Fighting Procedures:**

WEAR FULL PROTECTIVE CLOTHING & USE A SELF CONTAINED BREATHING APPARATUS.

**Unusual Fire/Explosion Hazard:**

AS W/ANY ORGANIC DUST, THERE IS POTENTIAL FOR EXPLOSION WHEN SUSPENDED IN AIR IN HIGH CONCENTRATIONS.

## Physical/Chemical Properties

**HCC:****NRC/State LIC No:****Net Prop WT For Ammo:**

N/P

**Boiling Point:****B.P. Text:**

N/R

**Melt/Freeze Pt:**

N/A

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

272F

**Decomp Temp:**

N/A

**Decomp Text:**

N/K

**N/Vor Pres:**

N/R

**Vapor Density:**

N/R

**Volatile Org Content %:****Spec Gravity:**

N/R 3

**VOC Pounds/Gallon:**

N/A

**pH:**

N/K

**VOC Grams/Liter:**

N/A

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/R

**Solubility in Water:**

COMPLETE

**Off-White to Odor:**

OFF-WHITE TO PALE YELLOW COLORED POWDER W/CHARACTERISTIC SULFUR-LIKE ODOR

**N/K Volatiles by Volume:**

N/K

**Corrosion Rate:**

N/K

**Reactivity Data:****Stability Indicator:**

YES

**Stability Condition To Avoid:**

EXTREME HEAT, TEMP >300F

**Materials To Avoid:**

N/K

**Hazardous Decomposition Products:**

TOXIC/Corrosive VAPORS, CHLORIDES, OXIDES OF NITROGEN & SULFUR

**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 Registry Information: N/P****State Regulatory Information: N/P**

## Other Information

**Other Information: N/P**

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