

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-113/113-92-8.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

113-92-8

**Code:**

M

**RTECS:**

US6475000

**Code:**

M

**Name:**

CHLORPHENIRAMINE MALEATE

**Other REC Limits:**

NONE RECOMMENDED

**OSHA PEL:**

NOT ESTABLISHED

**Code:**

M

**OSHA STEL:**

ACGIH TLV: NOT ESTABLISHED

**Code:**

2 OSHA STEL:

**ACGIH TLV:**

NOT ESTABLISHED

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

NONE NORMALLY REQUIRED.

**Ventilation:**

NONE NORMALLY REQUIRED.

**Protective Gloves:**

NONE NORMALLY REQUIRED. 5

**Eye Protection:**

NONE NORMALLY REQUIRED.

**Other Protective Equipment:**

Equipment NONE NORMALLY REQUIRED.

**Work Hygienic Practices:**

OBSERVE GOOD PERSONAL HYGIENE PRACTICES.

**Supplemental Safety and Health:**

NOVAHISTINE ELIXIR PROVIDES TEMPORARY RELIEF OF RUNNY NOSE, SNEEZING, ITCHY NOSE, THROAT OR EYES, WATERY EYES, NASAL CONGESTION AND EUSTACHION TUBE CONGESTION ASSOCIATED WITH THE COMMON COLD, SINUSITIS, HAY FEVER OR OTHER UPPER RESPIRATORY ALLERGIES.

## Health Hazards Data

**LD50/LC50/Mixture:**

LD50 (ORAL RAT) IS 350 MG/KG

**Route Of Entry Inds - Inhalation:**

NO

**Skin:**

NO

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

CONSULT THE "PHYSICIANS DESK REFERENCE FOR NON-PREScription DRUGS" FOR PRODUCT USAGE INFORMATION AND WARNINGS. EYES: MAY CAUSE MINOR IRRITATION. SKIN: PROLONGED CONTACT MAY CAUSE SLIGHT IRRITATION. EXPOSURE TO AMOUNTS INCIDENTAL TO NORMAL USAGE OR SPILLS WOULD NOT BE EXPECTED TO CAUSE INJURY.

**Explanation Of Carcinogenicity:**

NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

**Signs And Symptoms Of Overexposure:**

INGESTION: DRY MOUTH, HEARTBURN, HEADACHE, NAUSEA, VOMITING, ANOREXIA, DIFFICULT, PAINFUL URINATION, INSOMNIA, DIZZINESS, DOUBLE VISION, NERVOUSNESS, DROWSINESS, IRREGULAR HEART BEAT, WEAKNESS, TREMOR, RESPIRATORY DIFFICULTY, CNS EFFECTS, HALLUCINATIONS, CONVULSION, ABNORMALLY LOW BLOOD PRESSURE, CARDIOVASCULAR COLLAPSE

**Medical Cond Aggravated By Exposure:**

NONE EXPECTED DURING NORMAL HANDLING.

**First Aid:**

IF CONTACT IS MADE WITH THE LIQUID, WASH OFF WITH SOAP AND WATER. EYES: FLUSH WITH WATER. INGESTION: SEE A PHYSICIAN IF ANY ADVERSE EFFECTS EXPERIENCED.

**Spill Release Procedures:**

MOP UP OR WEAR WATER RESISTANT GLOVES TO WIPE UP AND PUT INTO PROPER WASTE CONTAINER. WASH AREA WITH SOAP AND WATER.

**Neutralizing Agent:**

DILUTE WITH WATER.

**Waste Disposal Methods:**

DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. 4

**Handling And Storage Precautions:**

IN THE EVENT OF BROKEN BOTTLES, AVOID THE PHYSICAL HAZARD OF BROKEN GLASS. KEEP TIGHTLY CLOSED. PROTECT FROM EXCESSIVE HEAT AND LIGHT. AVOID FREEZING.

**Other Precautions:**

NONE

## Fire and Explosion Hazard Information

**Flash Point Method:**

CC

**Flash Point:**

132F,56C

**Autoignition Temp:**

N/K

**Lower Limits:**

UNKNOWN

**Upper Limits:**

UNKNOWN

**Extinguishing Media:**

USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

**Fire Fighting Procedures:**

USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL.

**Unusual Fire/Explosion Hazard:**

HEAT OF FIRE MAY CAUSE BOTTLES TO BURST OR EXPLODE.

## Physical/Chemical Properties

**HCC:**

T6

**NRC/State LIC No:**

N/R

**Net Prop WT For Ammo:**

N/K

**Boiling Point:**

1.147

**B.P. Text:**

UNKNOWN

**Melt/Freeze Pt:**

N/K

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

UNKNOWN

**Decomp Temp:**

UNKNOWN

**Decomp Temp:**

UNKNOWN

**Viscosity:**

UNKNOWN

**Evaporation Rate & Reference:**

UNKNOWN

**Solubility in Water:**

COMPLETE

**Appearance and Odor:**

EMERALD GREEN, CLEAR LIQUID WITH PEPPERMINT LIKE ODOR. 6

**Percent Volatiles by Volume:**

7.5

**Corrosion Rate:**

UNKNOWN

**Reactivity Data:**

UNKNOWN

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

NOT APPLICABLE

**Materials To Avoid:**

SEE "DRUG INTERACTIONS" IN THE PHYSICIANS DESK REFERENCE FOR NON-PREScription DRUGS.

**Hazardous Decomposition Products:**

BURNING CAN PRODUCE HYDROGEN CHLORIDE AND OXIDES OF CARBON AND NITROGEN.

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

NOT APPLICABLE

## 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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