

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-345/345-78-8.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

345-78-8

**Code:**

M

**RTECS:**

UL5950000

**Code:**

M

**Name:**

PSEUDOEPHEDRINE HYDROCHLORIDE

**Other REC Limits:**

NOT ESTABLISHED

**OSHA PEL:**

NOT ESTABLISHED

**Code:**

M

**OSHA STEL:****Code:****ACGIH TLV:**

NOT ESTABLISHED

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MIST(3M 8710) IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

**Ventilation:**

LOCAL/GENERAL TO MAINTAIN PEL/TLV.

**Protective Gloves:**

IMPERVIOUS (PVC OR RUBBER)

**Eye Protection:**

SAFETY GLASSES/GOGGLES

**Other Protective Equipment:**

Equipment PROTECTIVE CLOTHINGS,EYE-WASH FACILITIES,SAFETY SHOWER.

**Work Hygienic Practices:**

AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE VAPORS/MIST/DUST.WASH THOROUGHLY AFTER EACH USE.

**Supplemental Safety and Health:**

4 PROTECT FROM LIGHT.

## Health Hazards Data

**LD50LC50Mixture:**

ORAL LD50(RAT)=2,206+/-273MG/KG

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

N/P

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

HARMFUL BY INHALATION OF DUST OR IF SWALLOWED IN EXCESS OF THERAPEUTIC DOSES.INGESTION MAY CAUSE RAPID PULSE,RAISED BLOOD PRESSURE,PAIN IN CHEST,ANXIETY AND RESTLESSNESS;THERE MAY BE DILATION OR PUPILS OF THE EYES.SERIOUS ADVERSE EFFECTS OF OVERDOSAGE INCLUDE IRRITABILITY,CONVULSIONS,PALPATIONS,AND HYPERTENSION.

**Explanation Of Carcinogenicity:**

2 DATA PER MGF MSDS.

**Signs And Symptoms Of Overexposure:**

SEE HEALTH HAZARDS DATA.

**Medical Cond Aggravated By Exposure:**

PRE-EXISTING CONDITIONS MAY BE WORSEN.

**First Aid:**

EYES AND SKIN:FLUSH WITH LARGE AMOUNT OF WATER FOR ABOUT 15-20 MINUTES;SEEK MEDICAL ATTENTION IMMEDIATELY.INHALATION:REMOVE TO FRESH AIR;CALL A PHYSICIAN.INGESTION:SEEK MEDICAL ATTENTION IMMEDIATELY.

**Spill Release Procedures:**

USE PROPER PERSONAL PROTECTION;SWEEP UP OR VACUUM AND COLLECT FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

**Neutralizing Agent:**

N/R

**Waste Disposal Methods:**

CONSULT LOCAL AUTHORITIES;DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS

**Handling And Storage Precautions:**

STORE IN COOL,DRY AND WELL VENTILATED AREA.KEEP CONTAINER CLOSED WHEN NOT IN USE.TEMPERATURE NOT EXCEEDING 30C;PROTECT FROM LIGHT.

**Other Precautions:**

WASH THOROUGHLY AFTER EACH USE.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

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

N/K 3

**Autoignition Temp:****Autoignition Temp Text:**

N/A

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

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

**Fire Fighting Procedures:**

FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

**Unusual Fire/Explosion Hazard:**

COMBUSTIBLE.DUST CLOUDS MAY BE A POSSIBLE EXPLOSION HAZARD.HEATING WILL GIVE RISE TO TOXIC FUMES(HCl)

## Physical/Chemical Properties

**HCC:**

N1

**NRC/State Lic No:**

N/R

**Net Prop WT For Ammo:**

N/A

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

N/R

**Melt /Freeze Pt:**

361F,183C

**Decomp Temp:**

N/A

**Decomp Text:**

UNKNOWN

**Vapor Pres:**

N/R

**Vapor Density:**

N/K

**Volatile Org Content %:**

N/A

**Spec Gravity:**

N/K

**VOC Pounds/Gallon:**

N/A

**PH:**

N/K

**VOC Grams/Liter:**

N/A

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

NEGLIGIBLE

**Appearance and Odor:**

WHITE,CRYSTALLINE POWDER;ALMOST ODORLESS;BITTER TASTE.

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

UNKNOWN

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

NONE KNOWN

**Materials To Avoid:**

NONE NOTED

**Hazardous Decomposition Products:**

NOT SPECIFIED

**Hazardous Polymerization Indicator:**

NO 5

**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

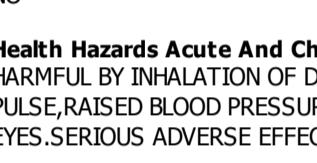
**State Regulatory Information:**

N/P

## Other Information

**Other Information:**

N/P



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