

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-86/86-56-6.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

86-56-6

Code:

M

RTECS:

QM2825000

Code:

M

Name:

1-NAPHTHYLAMINE, N,N-DIMETHYL-

Other REC Limits:

NONE SPECIFIED

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 NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH (NIOSH) APPROVED SELF-CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE MODE WHEN PERMISSIBLE EXPOSURE LIMITS ARE EXCEEDED.

Ventilation:

PROVIDE GENERAL VENTILATION OR LOCAL EXHAUST TO MEET OSHA PERMISSIBLE EXPOSURE LIMITS (OSHA PEL).

Protective Gloves:

NITRILE, NEOPRENE, VINYL, RUBBER

Eye Protection:

SPLASH-PROOF GOGGLES AND FACE SHIELD

Other Protective Equipment:

Equipment USE RUBBER APRON AND RUBBER BOOTS. EYEWASH AND SAFETY SHOWER SHOULD BE LOCATED NEARBY. DO NOT WEAR CONTACT LENSES

Work Hygienic Practices:

WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING.

Supplemental Safety and Health:

N/P

Health Hazards Data

LD50LC50Mixture:

LD50 (ORAL, RAT) IS 3310 MG/KG

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

ACUTE-INHALE: MAY CAUSE SEVERE IRRITATION, COUGHING, DYSPNEA, SHORTNESS OF BREATH, LARYNGITIS, PULMONARY EDEMA. EYE: MAY CAUSE SEVERE IRRITATION & POSSIBLY LOSS OF SIGHT. SKIN: SEVERE IRRITATION, BLISTERS, BURNS. ORAL: MAY CAUSE VOMITING, BRONCHITIS, PAIN, CONVULSION, COLLAPSE, SHOCK & DEATH. CHRONIC-ASTHMATIC BRONCHITIS, DERMATITIS.

Explanation Of Carcinogenicity:

N/P

Signs And Symptoms Of Overexposure:

INHALATION MAY CAUSE SEVERE IRRITATION, COUGHING, DYSPNEA, SHORTNESS OF BREATH, LARYNGITIS, PULMONARY EDEMA. MAY CAUSE SEVERE EYE IRRITATION & POSSIBLY LOSS OF SIGHT. SEVERE SKIN IRRITATION, BLISTERS, BURNS. ORALLY MAY CAUSE VOMITING, BRONCHITIS, ABDOMINAL PAIN, CONVULSION, COLLAPSE, SHOCK & DEATH.

Medical Cond Aggravated By Exposure:

3 PERSONS WITH PRE-EXISTING SKIN DISORDERS OR EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

First Aid:

GET MEDICAL CARE IN ALL CASES. EYES/SKIN: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. KEEP EYELIDS OPEN. INHALED: REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL: IF CONSCIOUS, DRINK MILK/WATER. DO NOT USE GASTRIC LAVAGE/EMESIS. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO HELP PREVENT ASPIRATION.

Spill Release Procedures:

SHUT OFF IGNITION SOURCES. DO NOT TOUCH SPILLED MATERIAL. VENTILATE AREA. S LEAK IF POSSIBLE. TAKE UP WITH SAND OR OTHER ABSORBENT MATERIAL AND PLACE INTO CONTAINER FOR LATER DISPOSAL. USE WATER SP RAY TO REDUCE VAPORS.

Neutralizing Agent:

SODA ASH, LIME, SODIUM BICARBONATE

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:

STORAGE-STORE IN TIGHTLY CLOSED CONTAINERS AWAY FROM HEAT, FLAMES & INCOMPATIBLE SUBSTANCES.

Other Precautions:

WARNING! CORROSIVE. DO NOT GET IN EYES, ON SKIN, ON CLOTHING. AVOID BREATHING VAPORS, MIST/GAS. USE WITH ADEQUATE VENTILATION. PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE. TREAT EMPTY CONTAINERS AS IF THEY WERE FULL DUE TO RESIDUES.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:**Flash Point Text:**

UNKNOWN

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

4 WATER SPRAY, CO₂, FOAM/DRY CHEMICAL. WATER MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL & FLUSH SPILLS AWAY.

Fire Fighting Procedures:

WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE. KEEP UPWIND.

Unusual Fire/Explosion Hazard:

CARBON DIOXIDE AND PROBABLY CARBON MONOXIDE

Physical/Chemical Properties

HCC:

5 C2

NRC/State IC No:

N/R

Net Prop WT For Ammo:

N/A

Boiling Point:

N/A

B.P. Text:

UNKNOWN

Melt/Freeze Pt:

N/A

M.P/F.P Text:

UNKNOWN

Decomp Temp:

N/A

Decomp Text:

UNKNOWN

Vapor Pres:

UNKNOWN

Vapor Density:

N/K

Volatile Org Content %:

N/A

Spec Gravity:

1.01

VOC Pounds/Gallon:

N/A

PH:

2.0

VOC Grams/Liter:

N/A

Viscosity:

N/P

Evaporation Rate & Reference:

N/K

Solubility in Water:

N/K

Appearance and Odor:

LIQUID - ACETIC ACID ODOR

Percent Volatiles by Volume:

99

Corrosion Rate:

UNKNOWN

Conditions To Avoid Polymerization:

NONE

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

Other Information:

N/P