

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-54/54-11-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
54-11-5
Code:
M

RTECS:
QS5250000
Code:
M

Name:
NICOTINE (SARA III)

Other REC Limits:
N/P

OSHA PEL:
S, 0.5 MG/M3
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
S, 0.5 MG/M3; 9192
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
N/P

Ventilation:
PROVIDE MECHAN(GEN/LOCAL EXHAUST)VENT TO MAINTN

Protective Gloves:
NEOPRENE

Eye Protection:
SAFETY/CHEM GOGGLES

Other Protective Equipment:
Equipment FULL WORK CLOTHING TO PREVENT REPEATED OR PROLONGED CONTACT.

Work Hygienic Practices:
5 N/P

Supplemental Safety and Health:
MSDS DATED:01/01/87;

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
N/P

Skin:
N/P

Ingestion:
N/P 3

Carcinogenicity Inds - NTP:
N/P

IARC:
N/P

OSHA:
N/P

Health Hazards Acute And Chronic:
N/P

Explanation Of Carcinogenicity:
N/P

Signs And Symptions Of Overexposure:
INHAL:HEADACHE,DROWSINESS,LOSS OF APPETITE; INGEST:CNS DEP,NAUSEA,VOMIT,DIARRHEA;EYE:IRRIT:SKIN:IRRIT

Medical Cond Aggravated By Exposure:
N/P

First Aid:
INHALE:REMOVE TO FRESH AIR, GIVE CPR/O2 IF NEED;EYES/SKIN:FLUSH W LG AMTS H2O FOR 15 MIN;INGEST:RINSE MOUTH; GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER SYMPTOMS OF OVEREXPOSURE.

Spill Release Procedures:
USE PROPER PERSONAL PROTECTION;CONTAIN SPILLED MATERIAL;TRANSFER TO SECURE CONTAINERS.USE SUITABLE ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL.

Neutralizing Agent:
N/P

Waste Disposal Methods:
DISPOSE COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:
STORE:COOL,DRY AND WELL VENTILATED AREA.KEEP AWAY FROM HEAT,OPEN FLAMES AND SPARKS;KEEP CONTAINER TIGHTLY CLOSED AND SECURED.

Other Precautions:
AVOID CONTACT WITH EYES AND SKIN.DO NOT BREATHE VAPORS/ MIST:POISON,DO NOT DRINK. 4

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
63F/17.2C (TCC)

Autoignition Temp:

Autoignition Temp Text:
685F

Lower Limits:
3.3

Upper Limits:
19.0

Extinguishing Media:
DRY CHEMICAL,CO2,FOAM.

Fire Fighting Procedures:
USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED AREA.

Unusual Fire/Explosion Hazard:
EXPOSURE TO SMOKE,FUMES OR HAZARDOUS PRODUCTS ON DECOMPOSITION.

Physical/Chemical Properties

HCC:
F5

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
173F/78C

Melt/Freeze Pt:

M.P/F.P Text:
N/A

Decomp Temp:

Decomp Text:
N/A

Vapor Pres:
45

Vapor Density:
1.59

Volatile Org Content %:

Spec Gravity:
0.8189

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
COMPLETE

Appearance and Odor:
CLEAR AND COLORLESS LIQUID.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
EXTREME HEAT

Materials To Avoid:
ACETYL CHLORIDE,OXIDIZING AGENT

Hazardous Decomposition Products:
6 ON DECOMPOSITION:CO,CO2 AND SMOKE,HAZARDOUS FUMES.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE NOTED

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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