

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-766/7664-41-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
7664-41-7
Code:
M

RTECS:
BO0875000
Code:
M

Name:
AMMONIA (SARA III)

Other REC Limits:
N/P

OSHA PEL:
50 PPM
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
25 PPM/35 STEL; 9293
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NO SPECIAL REQMNTS UNDER ORDINARY CONDITIONS/ADEQUATE VENT.

Ventilation:
NO SPECIAL REQUIREMENTS W ADEQUATE VENT.

Protective Gloves:
IMPERVIOUS

Eye Protection:
GOGGLES/FACE SHIELD

Other Protective Equipment:
Equipment 4 FULL WORK CLOTHING TO PREVENT REPEATED OR PROLONGED CONTACT.

Work Hygienic Practices:
N/P

Supplemental Safety and Health:
MSDS UNDATED.

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
N/P

Skin:
N/P

Ingestion:
N/P

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:
AMMONIA FUMES IN CONCENTRATE MAY IRRITATE RESPIRATORY SYSTEM

Medical Cond Aggravated By Exposure:
N/P

First Aid:
INHALE:REMOVE TO FRESH AIR, GIVE CPR/O*2 IF NEED;EYES/SKIN:FLUSH W LG AMTS H*20 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;CLEAN UP USING WATER AND RECOVER FOR PROPER DISPOSAL.

Neutralizing Agent:
N/P

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

Handling And Storage Precautions:
STORE AT ROOM TEMPERATURE;KEEP CLOSED WHEN NOT IN USE TO AVOID CONTAMINATION AND DRYING OUT.KEEP FROM FREEZING.

Other Precautions:
3 AVOID SKIN AND EYES CONTACT,PRODUCES BLACK STAINS ON MOST FABRICS WHICH ARE DIFFICULT TO REMOVE.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
USE ANY MEDIA FOR SURROUNDING FIRES.

Fire Fighting Procedures:
USE NIOSH/MSHA APPROVED SCBA IF NEEDED IN CONFINED AREA

Unusual Fire/Explosion Hazard:
AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Physical/Chemical Properties

HCC:
V6

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
212F/100C

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/A

Vapor Pres:
18

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
1.1

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
APPRECIABLE

Appearance and Odor:
HEAVY BLACK LIQUID;SLIGHT AMMONIA ODOR.

Percent Volatiles by Volume:
75

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE NOTED 5

Materials To Avoid:
NONE NOTED

Hazardous Decomposition Products:
NONE NOTED

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