

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

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NO SPECIAL REQMTS UNDER ORDINARY CONDITIONS/ADEQUATE VENT.

Ventilation:

NO SPECIAL REQUIREMENTS W ADEQUATE VENT.

Protective Gloves:

IMPERVIOUS

Eye Protection:

GOOGLES/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

LD50/LC50 Mixture:

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 Symptoms 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/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; 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:

N/A

Flash Point Text:

NONE

Autoignition Temp:

N/A

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:

N/P

Boiling Point:

212F/100C

Melt/Freeze Pt:

N/A

N/A/F.P Text:

N/A

Decomp Temp:

N/A

Decomp Text:

N/A

Vapor Pres:

18

Vapor Density:

N/K

Volatile Org Content %:

N/A

Spec Gravity:

1.1

VOC Pounds/Gallon:

N/A

PH:

N/P

VOC Grams/Liter:

N/A

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

Conditions To Avoid Polymerization:

NONE NOTED

Stability Indicators:

N/A

Stability To Avoid:

NONE NOTED

Materials To Avoid:

NONE NOTED

Decomposition Products:

NONE NOTED

Autoignition Temp:

N/A

Decomp Temp:

N/A

Decomp Text:

N/A

Volatile Org Content %:

N/A

Spec Gravity:

1.1

VOC Pounds/Gallon:

N/A

PH:

N/P

VOC Grams/Liter:

N/A

Viscosity:

N/P

Evaporation Rate & Reference:

N/K

Reactivity Data

Stability Indicator:

YES

Stability To Avoid:

NONE NOTED

Materials To Avoid:

NONE NOTED

Decomposition Products:

NONE NOTED

Autoignition Temp:

N/A

Decomp Temp:

N/A

Decomp Text:

N/A

Volatile Org Content %:

N/A

Spec Gravity:

1.1

VOC Pounds/Gallon:

N/A

PH:

N/P

VOC Grams/Liter:

N/A

Viscosity:

N/P

Evaporation Rate & Reference:

N/K