

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-775/7757-79-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
7757-79-1
Code:
M

RTECS:
TT3700000
Code:
M

Name:
POTASSIUM NITRATE CAS#7757-79-1

Other REC Limits:
N/P

OSHA PEL:
N/P
Code:

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

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

Ventilation:
MECH(GEN)OR LOCAL EXHAUST THAT PROVIDES ADEQUATE VENTILATION

Protective Gloves:
AS REQUIRED

Eye Protection:
SAFETY/CHEM GOGGLES

Other Protective Equipment:
Equipment SAFETY SHOWER EYE BATH

Work Hygienic Practices:
N/P

Supplemental Safety and Health:
MSDS IS 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 2

Signs And Symptions Of Overexposure:
INHALATION:COUGHING,SHORTNESS OF BREATH. SKIN:-REDNESS EYES:-REDNESS,PAIN.INGESTION:ABDOMINAL SPASM

Medical Cond Aggravated By Exposure:
N/P

First Aid:
INHALATION:KEEP PATIENT IN FRESH AIR.CALL A DOCTOR.SKIN:WASH WITH PLENTY OF WATER EYES:WASH WITH PLENTY OF WATER.CALL A DOCTOR. INGESTION:RINSE MOUTH,GIVE PLENTY OF WATER TO DRINK,INDUCE VOMITING,AND CALL A DOCTOR.

Spill Release Procedures:
SWEEP UP SPILLED SUBSTANCE AND REMOVE TO SAFE PLACE,WASH AWAY REMAINDER WITH LARGE AMOUNT OF WATER.

Neutralizing Agent:
N/P

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

Handling And Storage Precautions:
SEPARATE FROM COMBUSTIBLE, ORGANIC OR OTHER READILY OXIDIZABLE MATERIAL.

Other Precautions:
AVOID SKIN AND EYE EXPOSURE.

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:
NONE

Upper Limits:
NONE 3

Extinguishing Media:
NOT APPLICABLE

Fire Fighting Procedures:
AN APPROVED SCBA SHOULD BE WORN

Unusual Fire/Explosion Hazard:
FIRE AND EXPLOSION HAZARD WHEN SHOCKED OR HEATED IN CONTACT WITH ORGANIC MATERIALS OR REDUCERS

Physical/Chemical Properties

HCC:
D1

NRC/State LIC No:
NOT RELEVANT

Net Prop WT For Ammo:

Boiling Point:
=333.9C, 633.F

B.P. Text:

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/A

Vapor Pres:
NEG

Vapor Density:
3.5

Volatile Org Content %:

Spec Gravity:
2.11

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/A

Solubility in Water:
APPRECIABLE

Appearance and Odor:
TRANSPARENT WHITE CRYSTALS-ODORLESS

Percent Volatiles by Volume:
NEGL

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE SPECIFIED BY THE MFR.

Materials To Avoid:
STRONG REDUCERS,ORGANIC MATERIALS.

Hazardous Decomposition Products:
THERMAL DECOMPOSITION OR BURNING MAY PRODUCE NO*X

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE SPECIFIED BY THE MFR.

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