

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-777/7778-80-5.html> for suppliers of this product.

Composition/Information on Ingredient

7778-80-5
Code:
M

RTECS:
TT5900000
Code:
M

Name:
POTASSIUM SULFATE (2:1); (K*2SO*4)

Other REC Limits:
N/K

OSHA PEL:
N/K (FP N)
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K (FP N)
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
7 IN DUST ENVIRONMENTS, THE USE OF NIOSH/MSHA APPROVED RESPIRATOR IS RECOMMENDED.

Ventilation:
LOCAL EXHAUST CAN BE USED, IF NECESSARY, TO CONTROL AIRBORNE DUST LEVELS.

Protective Gloves:
IMPERVIOUS GLOVES (FP N).

Eye Protection:
ANSI APPRVD TIGHT FITTING GOGG (FP N).

Other Protective Equipment:
Equipment USE BARRIER CREAMS, BOOTS CLOTHING TO PROTECT SKIN FROM PRLNG CONT W/WET CEMENT, ESP IN PLASTIC (UNHARDENED) CONCRETE.

Work Hygienic Practices:
IMMEDIATELY AFTER WORKING W/CEMENT, WORKERS SHOULD SHOWER W/SOAP WATER.

Supplemental Safety and Health:
NONE SPECIFIED BY MANUFACTURER.

LD50LC50Mixture:

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE:WET CEMENT ESPECIALLY AS INGREDIENT IN PLASTIC (UNHARDENED) CONCRETE, CAN DRY SKIN & CAUSE ALKALI BURNS. CEMENT DUST CAN IRRITATE EYES & UPPER RESPIRATORY TRACT. CHRONIC:CEMENT DUST CAN CAUSE IN FLAMMATION OF THE LINING TISSUE OF THE INTERIOR OF THE NOSE & INFLAMMATION OF THE EYE. HYPERSENSITIVE (EFTS OF OVEREXP)

Explanation Of Carcinogenicity:
NOT RELEVANT

Signs And Symptoms Of Overexposure:
HLTH HAZ:INDIVIDUALS MAY DEVELOP AN ALLERGIC DERMATITIS (SKIN RASH).

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
INGEST:CALL MD IMMEDIATELY (FP N). INHAL:REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE O*2/ARTF RESP) (FP N). EYES:IRRIGATE W/WATER FOR AT LEAST 15 MINUTES, CONSULT MD. SKIN:WASH EXPOSED AREAS W/SOAP & WATER.

Spill Release Procedures:
6 USE DRY CLEANUP METHODS THAT DO NOT DISPERSE THE DUST INTO THE AIR.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL REGULATIONS (FP N). MATERIAL CAN BE RETURNED TO CONTAINER FOR LATER USE, OR IT CAN BE DISPOSED OF AS AN INDUSTRIAL WASTE.

Handling And Storage Precautions:
PRECAUTIONS MUST BE OBSERVED BECAUSE CEMENT BURNS W/LITTLE WARNING - LITTLE HEAT IS SENSED.

Other Precautions:
NONE.

Fire and Explosion Hazard Information

N/P

Flash Point Text:
N/K

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
MEDIA SUITABLE FOR SURROUNDING FIRE (FP N).

Fire Fighting Procedures:
USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard:
NONE. NONCOMBUSTIBLE & NONEXPLOSIVE.

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/A

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/A

Vapor Density:
N/A

Volatile Org Content %:

Spec Gravity:
3.15

VOC Pounds/Gallon:
8

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
NOT APPLICABLE

Solubility in Water:
SLIGHT (0.1-1%)

Appearance and Odor:
GRAY (OR WHITE) POWDER; NO ODOR.

Percent Volatiles by Volume:
0

Corrosion Rate:
N/K

Stability Indicator:
YES

Stability Condition To Avoid:
KEEP DRY UNTIL USED.

Materials To Avoid:
NONE.

Hazardous Decomposition Products:
NONE.

Hazardous Polymerization Indicators:
NO

Conditions To Avoid Polymerization:
NOT RELEVANT

Toxicological Informa

Information:N/P

MSDS Tra

Regulato

Federal Regulatory Information: N/P

Other Information

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For R&D use
WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from