

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-777/7778-74-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
7778-74-7

Code:
M

RTECS:
SC9700000

Code:
M

Name:
POTASSIUM PERCHLORATE

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT ESTABLISHED

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
NONE NEEDED IN NORMAL HANDLING. IF DUSTY SITUATIONS PREVAIL, WEAR NIOSH-APPROVED DUST RESPIRATOR OR MASK. 3

Ventilation:
ADEQUATE

Protective Gloves:
NONE NEEDED IN NORMAL HANDLING.

Eye Protection:
NONE NEEDED IN NORMAL HANDLING.

Other Protective Equipment:
Equipment EYE BATH, WASHING FACILITIES, SAFETY SHOWER

Work Hygienic Practices:
GOOD PRACTICE REQUIRES THAT GROSS AMOUNT OF ANY CHEMICAL BE REMOVED FROM THE SKIN AS SOON AS PRACTICAL.

Supplemental Safety and Health:
KEY1:D1. KIT (454013) CONSISTS OF 1 EA CANISTER ASSEMBLY; 40 EA TEAR-OFF CAPS; 1 EA STORAGE PLUG; 40 EA CANDLE ASSEMBLY; 5 EA PROTECTIVE HOUSING ASSEMBLY; MARKINGS.

Health Hazards Data

LD50LC50Mixture:
LD50 (ORAL, RAT) UNKNOWN

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
IF BROKEN OR IN FIRE: TARGET ORGANS: EYES, SKIN, GASTROINTESTINAL TRACT, BLOOD. ACUTE- TOXIC. INHALATION OF DUST MAY RESULT IN IRRITATION. EYE AND SKIN CONTACT MAY CAUSE IRRITATION. INGESTION MAY CAUS E ABDOMINAL PAIN, DIFFICULTY IN BREATHING, DIARRHEA. CHRONIC- UNKNOWN.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
IRRITATION, COUGH, TEARING, PAIN, SNEEZING, DIARRHEA, VOMITING

Medical Cond Aggravated By Exposure:
2 UNKNOWN

First Aid:
GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED: MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN: IMMEDIATELY WASH WITH PLENTY OF SOAP & WATER. ORAL: DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK TWO GLASSES OF WATER. GET MEDICAL ATTENTION IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Spill Release Procedures:
AVOID CONTACT WITH CHEMICALS. AVOID DUSTING CONDITIONS. SWEEP UP SMALL SPILLS AND DEPOSIT IN A CLEAN DISPOSAL CONTAINER. KEEP CONTAINER AWAY FROM COMBUSTIBLE MATERIAL. FOR MISFIRED UNUSED CANDLES,CONT AINER MUST NOT BE AIRTIGHT. KEEP TEMPERATURE <100F

Neutralizing Agent:
NOT RELEVANT

Waste Disposal Methods:
DISPOSE OF AS A HAZARDOUS WASTE IN ACCORANCE WITH, LOCAL, STATE AND FEDERAL REGULATIONS. IF AN UNUSED CANDLE IS TO BE DISPOSED, IT SHOULD BE FIRED FIRST.

Handling And Storage Precautions:
STORE IN A COOL, DRY AREA, PROTECTED FROM CRUSHING OR IMPACT FORCES.

Other Precautions:
CAUTION! DO NOT OPEN CANDLE ASSEMBLIES. CONTAIN HAZARDOUS CHEMICALS. IF EXPOSED, DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. KEEP OUT OF REACH OF CHILDREN. HEAT CAN BE GENERATED WHEN CANDLE IS FIRED.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/R

Lower Limits:
NOT RELEVANT

Upper Limits:
NOT RELEVANT

Extinguishing Media:
WATER

Fire Fighting Procedures:
USE STANDARD FIRE FIGHTING EQUIPMENT INCLUDING SELF-CONTAINED PRESSURE DEMAND BREATHING APARATUS WITH FULL FACEPIECE, IMPERVIOUS COVERING AND BOOTS.

Unusual Fire/Explosion Hazard:
OXIDIZER. CANDLE CONTAINERS MAY RUPTURE. LIBERATED OXYGEN MAY INCREASE FLAMMABILITY OF COMBUSTIBLE SUBSTANCES.

Physical/Chemical Properties

HCC:
D1

NRC/State LIC No:
NOT RELEVANT

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/R

Melt/Freeze Pt:

M.P/F.P Text:
UNKNOWN

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
N/R

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
2.2 (APPROX.)

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
NOT RELEVANT

Evaporation Rate & Reference:
NOT APPLICABLE

Solubility in Water:
PARTIAL

Appearance and Odor:
LIGHT GREY SOLID MASS

Percent Volatiles by Volume:
N/R

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
UNKNOWN

Materials To Avoid:
UNKNOWN

Hazardous Decomposition Products:
UNKNOWN

Hazardous Polymerization Indicator:
N/P

Conditions To Avoid Polymerization:
UNKNOWN 4

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