

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-137/13709-94-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
13709-94-9
Code:
M

RTECS:

Code:
X

Name:
POTASSIUM METABORATE

Other REC Limits:
NONE SPECIFIED

OSHA PEL:
1 MG/M3 BORATE
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
1 MG/M3 BORATE
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NONE REQUIRED. ALWAYS USE NIOSH/MSHA APPROVED RESPIRATORS WHEN REQUIRED.

Ventilation:
SUFFICIENT ROOM VENTILATION.

Protective Gloves:
NATURAL RUBBER

Eye Protection:
SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:
Equipment EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:
OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health:
KEY1:C2. THIS IS PART B OF A 3-PART KIT. SEE PNI A & G, THIS NSN FOR OTHER PARTS. 3

Health Hazards Data

LD50LC50Mixture:
LD50 (ORAL RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation:
NO

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE: MAY CAUSE SEVERE EYE AND SKIN IRRITATION AND BURNS. CHRONIC: NONE NOTED.

Explanation Of Carcinogenicity:
NOT APPLICABLE

Signs And Symptions Of Overexposure:
EYES/SKIN: SEVERE IRRITATION AND BURNS. INHALATION: NORMALLY NO PROBLEM, BUT INHALATION OF MIST COULD CAUSE RESPIRATORY IRRITATION. INGESTION: MAY CAUSE IRRITATION OF MUCOUS MEMBRANE OR DIGESTIVE TRA CT.

Medical Cond Aggravated By Exposure:
NONE NOTED.

First Aid:
EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SEE DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, SEE DOCTOR. INH ALATION: REMOVE TO FRESH AIR. INGESTION:DO NOT INDUCE VOMITING. SEE DOCTOR.

Spill Release Procedures:
WEAR PROTECTIVE EQUIPMENT. COVER SPILL WITH SOLID NEUTRALIZER OR ABSORBER. PUT NEUTRALIZED MATERIAL IN LINED DISPOSAL CONTAINER. FLUSH RESIDUE WITH WATER.

Neutralizing Agent:
POWDERED CITRIC ACID.

Waste Disposal Methods:
CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER. DISPOSE OF SOLID MATERIAL IN APPROVED AND PERMITTED LANDFILL. COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATION. 2

Handling And Storage Precautions:
GTORE IN WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED. DO NOT STORE WITH STRONG ACIDS.

Other Precautions:
DO NOT STORE OR CONSUME FOOD, DRINK OR TOBACCO IN AREA WHERE THEY MAY BECOME CONTAMINATED WITH THIS MATERIAL

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:
N/R

Upper Limits:
N/R

Extinguishing Media:
NON-FLAMMABLE. USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:
EVACUATE PERSONNEL TO A SAFE AREA. KEEP PERSONNEL REMOVED AND UPWIND OF FIRE. WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:
WHEN HEATED TO DECOMPOSITION EMISSION TO TOXIC FUMES IS POSSIBLE.

Physical/Chemical Properties

HCC:
B1

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
>212F,>100C

Melt/Freeze Pt:

M.P/F.P Text:
UNKNOWN

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
AS WATER

Vapor Density:
AS WATER

Volatile Org Content %:

Spec Gravity:
1.366

VOC Pounds/Gallon:

PH: 13.05

VOC Grams/Liter:

Viscosity:
UNKNOWN

Evaporation Rate & Reference:
SAME AS WATER

Solubility in Water:
COMPLETE

Appearance and Odor:
CLEAR, COLORLESS LIQUID. NO ODOR.

Percent Volatiles by Volume:
N/R

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE.

Materials To Avoid:
STRONG ACIDS.

Hazardous Decomposition Products:
NONE

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT APPLICABLE

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