

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

ACGIH STEL:

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

LD50/LC50/Mixture:

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 Symptoms 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. INHALATION: 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:

STORE 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:

N/R

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/P

Net Prop WT For Ammo:

N/A

Boiling Point:

N/A

B.P. Text:

>212F, >100C

Melt/Freeze Pt:

N/A

Decomp Temp:

N/A

Decomp Text:

UNKNOWN

Vapor Pres:

AS WATER

Solubility in Water:

AS WATER

Vapor Density:

AS WATER

Viscosity:

UNKNOWN

Evaporation Rate & Reference:

SAME AS WATER

Solubility in Water:

COMPLETE

Appearance and Odor:

CLEAR, COLORLESS LIQUID. NO ODOR.

Clear, Viscous, or Solid:

CLEAR

Decomposition Products:

UNKNOWN

Hazardous Decomposition Products:

UNKNOWN

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

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