

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-120/12007-58-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
12007-58-8
Code:
M

RTECS:

Code:
X

Name:
AMMONIUM BORATE

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
MSHA/NIOSH APPROVED RESPIRATOR.

Ventilation:
CHEMICAL FUME HOOD.

Protective Gloves:
CHEMICAL RESISTANT

Eye Protection:
CHEMICAL RESISTANT GLASSES

Other Protective Equipment:
Equipment PROTECTIVE CLOTHING, LAB COAT , EYE WASH STATION.

Work Hygienic Practices:
REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:
N/K

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
HARMFUL IF INHALED, INGESTED/CONTACTED W/SKIN/EYES. MAY BE HARMFUL TO THE RESPIRATORY TRACT.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
HARMFUL IF INHALED, INGESTED/CONTACTED W/SKIN/EYES. MAY BE HARMFUL TO THE RESPIRATORY TRACT.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
EYES/SKIN: FLUSH W/WATER FOR 15 MINS. INHALATION: MOVE TO FRESH AIR. INGESTION: DON'T INDUCE VOMITING. IF CONSCIOUS, GIVE LARGE QUANTITIES OF WATER/MILK. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
VENTILATE AREA. WIPE UP & PUT INTO A SEALED CONTAINER FOR PROPER DISPOSAL. WASH SITE OFF W/WATER AFTER MATERIAL PICK-UP IS COMPLETE. WEAR CHEMICAL RESISTANT GLASSES, GLOVES & CLOTHING. WEAR MSHA/NIOSH APPROVED RESPIRATOR.

Neutralizing Agent:
N/K

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

Handling And Storage Precautions:
STORE AT ROOM TEMPERATURE. KEEP TIGHTLY SEALED WHEN NOT IN USE.

Other Precautions:
N/K

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/R

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
APPROPRIATE TO SURROUNDING FIRE CONDITIONS.

Fire Fighting Procedures:
NONE

Unusual Fire/Explosion Hazard:
NONE

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/K

Melt /Freeze Pt:

M.P/F.P Text:
N/K 3

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
1

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
COMPLETE

Appearance and Odor:
TRANSPARENT SOLUTION W/O AN ODOR.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
N/K

Materials To Avoid:
ACIDS

Hazardous Decomposition Products:
TOXIC FUMES OF AMMONIA

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

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

LookChem

Look for Chemicals

www.lookchem.com

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

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 handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.