

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-168/16872-11-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
16872-11-0
Code:
M

RTECS:
ED2685000
Code:
M

Name:
FLUOBORIC ACID(48-50%)CAS NO.16872-11-O

Other REC Limits:
N/P

OSHA PEL:
N/P
Code:

OSHA STEL:

Code:

ACGIH TLV:
2.5MG/CUM AS F
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE NIOSH/MESA APPROVED RESPIRATOR FOR ACID MIST/FUMES

Ventilation:
PROVIDE MECHAN(GEN/LOCAL EXHAUST)VENT TO MAINTN

Protective Gloves:
RUBBER

Eye Protection:
GOGGLES/FACE SHIELD

Other Protective Equipment:
Equipment EYE WASH STATION. APRONS. SPECIAL IMPERVIOUS CLOTHING.

Work Hygienic Practices:
N/P

Supplemental Safety and Health:
MSDS IS UNDATED

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
N/P

Skin:
N/P

Ingestion:
N/P

Carcinogenicity Inds - NTP:
N/P

IARC:
N/P

OSHA:
N/P

Health Hazards Acute And Chronic:
N/P

Explanation Of Carcinogenicity:
N/P

Signs And Symptions Of Overexposure:
CAUSTIC & CORROSIVE EFFECTS ON SKIN AND EYES.IRRITATING TO MUCOUS MEMBRANES,RESP.TRACT.FATAL IF INGE

Medical Cond Aggravated By Exposure:
N/P

First Aid:
INHALE:REMOVE TO FRESH AIR, GIVE CPR/O*2 IF NEED;EYES/SKIN:FLUSH W LG AMTS H*2O FOR 15 MIN;INGEST:RINSE MOUTH; GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER SYMPTOMS OF OVEREXPOSURE.

Spill Release Procedures:
FLUSH IMMEDIATELY;NEUTRALIZE CAREFULLY WITH SODA ASH OR LIME AND FLUSH WITH WATER AGAIN & SCOOP INTO A CONTAINER.

Neutralizing Agent:
3 N/P

Waste Disposal Methods:
FEDERAL,STATE AND LOCAL LAWS TAKE PRECEDENCE.CONTACT A PROFESSIONAL DISPOSAL SERVICE.

Handling And Storage Precautions:
USE NORMAL PROCEDURES FOR HANDLING ACIDS/CHEMICAL.USE FULL PROTECTIVE CLOTHING.STORE IN A WELL VENTILATED AREA.

Other Precautions:
AVOID SKIN AND EYE CONTACT.DO NOT USE CONTAMINATED CLOTHES.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NON-FLAMMABLE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
UNKN

Upper Limits:
UNKN

Extinguishing Media:
WATER SPRAY

Fire Fighting Procedures:
USE SCBA AND SPECIAL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:
WHEN HEATED TO DECOMPOSITION,EMITS HIGHLY TOXIC FUMES

Physical/Chemical Properties

HCC:
C1

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
266F/130C

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/A

Vapor Pres:
UNK

Vapor Density:
UNKN

Volatile Org Content %:

Spec Gravity:
1.38

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
UNKNOWN

Solubility in Water:
SOLUBLE 5

Appearance and Odor:
CLEAR,COLORLESS,LIQUID

Percent Volatiles by Volume:
UNKN

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE

Materials To Avoid:
FLUORINE,ARSENIC TRIOXIDE P*2O*5,ALKALIES

Hazardous Decomposition Products:
HF GAS

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE SPECIFIED BY THE MFR.

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