

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.16872-11-0

Other REC Limits:

N/P

OSHA PEL:

N/P

Code:**OSHA STEL:****Code:****ACGIH TLV:**

2.5MG/CUM AS F

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

USE NIOSH/MESA APPROVED RESPIRATOR FOR ACID MIST/FUMES

Ventilation:

PROVIDE MECHAN(EN/LOCAL EXHAUST)VENT TO MAINTN

Protective Gloves:

RUBBER

Eye Protection:

GOOGLES/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

LD50/LC50 Mixture:

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 Symptoms 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*20 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:**N/A/F.P. Text:****Decomp Temp:****Decomp Text:****Vapor Pres:**

UNKN

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

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*20*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:**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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