

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-169/16984-48-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

16984-48-8

Code:

M

RTECS:

LM6290000

Code:

M

Name:

FLUORIDE ION (1-)

Other REC Limits:

N/P

OSHA PEL:

2.5 MG/M3 (F)

Code:

M

OSHA STEL:

Code:

2

ACGIH TLV:

2.5 MG/M3 (F); 8990

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NIOSH/MSHA APPROVED AS NEEDED.

Ventilation:

ADEQUATE TO MAINTAIN LEVELS BELOW TLV. 4

Protective Gloves:

MOLDED RUBBER

Eye Protection:

PROTECTIVE GOGGLES

Other Protective Equipment:

Equipment PROTECTIVE CLOTHING BOOTS.

Work Hygienic Practices:

N/P

Supplemental Safety and Health:

N/P

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:

CONTAINS HYDROFLUORIC ACID. CASUES SEVERE BURNS WHICH MAY NOT BE IMMEDIATELY PAINFUL OR VISIBLE.

Medical Cond Aggravated By Exposure:

N/P

First Aid:

IN CASE OF CONTACT, PROMPT MEDICAL ATTENTION IS NEC. FLOOD W/LRG QUANTITY OF WATER APPLYING ICED BENZALKONIUM CHLORIDE SOLN OR MAGNESIUM SULFATE. FLUSH EYES W/COOL WATER AT LEAST 30 MINS. GET MEDICAL ATTENTION AT ONCE.

Spill Release Procedures:

COVER W/SODIUM BICARBONATE OR SODA ASH/LIME MIXTURE(50/50). ADD WATER TO MAKE SLURRY. WASH DOWN DRAIN W/EXCESS WATER. WASH UP W/SODA ASH SOLUTION.

Neutralizing Agent:

N/P 3

Waste Disposal Methods:

ADD TO LARGE VOLUME OF SOLUTION OF SODA ASH-LIME MIXTURE. ADD NEUTRALIZED SOLUTION TO EXCESS RUNNING WATER TO DRAIN IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

Handling And Storage Precautions:

REQUIRE DOT CORROSIVE LABEL. STORE UNDER COVER IN DRY PLACE OUT OF SUN & AWAY FROM DIRECT HEAT. CLOSE CONTAINER AFTER USE.

Other Precautions:

DO NOT REUSE CONTAINER. RINSE WELL WITH WATER & INCINERATE.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

NONE TO BOIL PT.

Autoignition Temp:

Autoignition Temp Text:

N/A

Lower Limits:

Upper Limits:

Extinguishing Media:

NOT FLAMMABLE

Fire Fighting Procedures:

NONE

Unusual Fire/Explosion Hazard:

NONE

Physical/Chemical Properties

HCC:

C1

NRC/State LIC No:

Net Prop WT For Amno:

Boiling Point:

B.P. Text:

180F/82C

Melt/Freeze Pt:

M.P/F.P. Text:

N/A

Decomp Temp:

Decomp Text:

N/A

Viscosity:

N/A

Evaporation Rate & Reference:

APPROX 1.0, WATER

Solubility in Water:

COMPLETELY

Appearance and Odor:

CLEAR COLORLESS LIQUID-SHARP ACID ODOR.

Percent Volatiles by Volume:

72

Corrosion Rate:

N/P

Reactivity Data:

Stability Indicator:

YES

Stability Condition To Avoid:

N/P

Materials To Avoid:

ALKALIES

Hazardous Decomposition Products:

AT DECOMP TEMPS, EMITS HIGHLY CORROSIVE FLUORIDE FUMES.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/P

Toxicological Information

Information:

N/P

MSDS Transport Information

Information:

N/P

Regulatory Information

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

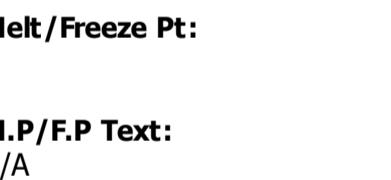
State Regulatory Information:

N/P

Other Information

Other Information:

N/P



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