

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-384/38465-60-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

38465-60-0

Code:

M

RTECS:**Code:**

X

Name:

COPPER FLUOROBORATE

Other REC Limits:

N/P

OSHA PEL:

N/P

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

1 MG/CUM/CU AS MIST/

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NIOSH/MSHA APPROVED

Ventilation:

LOCAL EXHAUST REQD

Protective Gloves:

NEOPRENE,VINYL

Eye Protection:

FACE SHIELD,CHEM GOGGLES

Other Protective Equipment:

Equipment 4 IMPERV/BOOTS,APRON,PROTECT CLOTH AS REQD. EYE FOUNTAIN,SAFETY SHOWER,WASHING FACILITIES NEAR WORK AREA.

Work Hygienic Practices:

N/P

Supplemental Safety and Health:

N/P

Health Hazards Data

LD50/LC50 Mixture:

N/P

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

N/P

IARC:

N/P

OSHA:

N/P 2

Health Hazards Acute And Chronic:

EROSION OF TEETH,JAW NECROSIS,BRONCHIAL IRRITATION,CHRONIC COUGH,BRONCHIAL PNEUMONIA,ASTHMA,GASTROINTESTINAL DISTURBANCES,LIVER & KIDNEY DAMAGE,FLUOROSIS

Explanation Of Carcinogenicity:

N/P

Signs And Symptoms Of Overexposure:

EYE-PAIN,TEARING,PHOBIA,CONJUNCTIVAL EDEMA;CORNEAL DAM/DESTRUCT. SKIN-SEVERE PAIN;BURNS-SLOW HEALING,SCARS;SENSITIZATION,DERMATITIS;CONJUNCTIVAE. INHAL-IRRITAT TO LUNGS/RESPIR TRACT;COUGH,CHOK,HEADACHE,DIZZ,CYANOSIS,HEMOPTYSIS. INGEST-SEVERE BURNING PAIN-MOUTH,PHARYNX,ABDO;VOMIT,GASTRIC PERFORATION;CAN BE FATAL.

Medical Cond Aggravated By Exposure:

N/P

First Aid:

YE-FLUSH W/WATER 15 MIN;CONSULT DOC. SKIN-IMMED FLUSH W/WATER;REMV CONTAM CLOTH & SHOES;OPEN ALL BLISHERS;WASH;COAT BURN W/MGO/WATER PASTE W/20% GLYCERIN;DO NOT USE OILY OINTMT;SEE PHYS. INHAL-GET TO FRESH AIR;CALL PHYSICIAN. INGEST-DO NOT INDUCE VOMIT;IMMED GIVE LGE AMT WATER OR MILK;IF VOMIT PERSISTENT,GIVE FLUIDS REPEATEDLY;CALL PHYSICIAN.

Spill Release Procedures:

COVER W/SODIUM BICARB OR SODA ASH-SLAKED LIME/50-50 MIX/. MIX & MAKE SLURRY. CAREFULLY MOP UP OR VACUUM SPILL & RINSE WATER INTO SUITABLE PLASTIC CONTNR. SHIP TO LOCAL TREATMENT/DISPOSAL FACILITY. FLU SH SPILL AREA W/PLENTY WATER.

Neutralizing Agent:

SEE ABOVE

Waste Disposal Methods:

IAW LOCAL,STATE,& FED REGS.

Handling And Storage Precautions:

DO NOT GET IN EYES,ON SKIN/CLOTHING.DO NOT BREATHE VAPOR,MISTS OR GAS.USE W/ADEQUATE VENT.WASH THOROUGHLY AFTER HANDLING.PROTECT FROM PHYS DAMAGE.

Other Precautions:

3 KEEP CONTNR TIGHTLY CLOSED IN UPRIGHT POSITION. STORE AT 50-90F AWAY FM INCOMPATABLE MATLS.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:**Flash Point Text:**

NONE

Autoignition Temp:**Autoignition Temp Text:**

N/A

Lower Limits:

NONE

Upper Limits:

NONE

Extinguishing Media:

ALL

Fire Fighting Procedures:

WEAR FACE SHIELD/GOGGLES,IMPERVIOUS GLOVES,BOOTS,PROTECT CLOTH. NIOSH/MSHA APPRD RESPIR PROTECTION AS REQD.

Unusual Fire/Explosion Hazard:

EXCESSIVE HEAT MAY CAUSE CONTNR TO BURST. LIQUID MAY LIBERATE CORROSIVE HYDROGEN FLUORIDE GAS.

Physical/Chemical Properties

HCC:

C1

VOC State Lic No:**Net Wt For Ammo:****Boiling Point:****B.P. Text:**

>212F/100C

Melt/Freeze Pt:

N/R

Decomp Temp:**Decomp Text:**

N/R

Vapor Pres:

N/R

Vapor Density:

N/R

Volatile Org Content %:

ALL

Spec Gravity:

1.397-1.417

VOC Pounds/Gallon:

N/P

PH:

N/P

VOC Grams/Liter:

N/P

Viscosity:

N/P

Evaporation Rate & Reference:

N/P

Solubility in Water:

COMPLETE

Blue Liquid Slight Acrid Odor:

YES LIQUID,SLIGHT ACRID ODOR

Blue Liquid Slight Acrid Odor:

N/P

Volatile Sol.:

N/P

Corrosion Rate:

N/P

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

HIGH TEMPS 5

Materials To Avoid:

METALS,STRONG BASES ACIDS,OXIDIZERS

Hazardous Decomposition Products:

HYDROGEN,COOPER,DECOMPOSED FLUORIDE,HYDROGEN FLUORIDE

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/P

Toxicological Information

Information:

N/P

Information:

N/P

Regulatory Information

Sara Title III Information:

N/P

Federal Registry Information:

N/P

State Regulatory Information:

N/P

Other Information

Other Information:

N/P



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