

## **LEAD FLUOBORATE**

### **MSDS Number**

BBKNT

### **National Stock Number**

6850-00F002247

### **Product Name**

LEAD FLUOBORATE

### **Manufacturer**

HARSTAN CHEMICAL CORP

### **Product Identification**

Product ID:LEAD FLUOBORATE

MSDS Date:10/08/1987

FSC:6850

NIIN:00F002247

MSDS Number: BBKNT

### **Responsible Party**

HARSTAN CHEMICAL CORP

1247 38TH STREET

BROOKLYN , NY 11218

Emergency Phone: (212) 435-8225

Info Phone: (212) 435-8225

Cage: HARST

### **Contractor**

HARSTAN CHEMICAL CORP.

Cage: HARST

### **Ingredients**

LEAD FLUOBORATE (SARA III)

CAS: 13814-96-5

RTECS: ED2700000

Fraction By Weight: 50%

OSHA PELSEE 1910.1025

ACGIH TLV: 0.15 MG PB/M3; 9192

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

### **Hazards**

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SKIN: IRRITATION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SKIN: IRRITATION.

### **First Aid**

First Aid:SKIN: WASH W/SOAP & WATER. EYES: FLUSH W/COPIOUS QUANTITIES OF WATER. TREAT AS AN ACID BURN.

### **Fire Fighting**

Flash Point:NONE

Lower Limits:NONE  
Upper Limits:NONE  
Extinguishing Media:NONE  
Fire Fighting Procedures:NONE  
Unusual Fire/Explosion Hazard:NONE

## Accidental Release

Spill Release Procedures:FLUSH WITH WATER OR NEUTRALIZE WITH ALKALI  
SUCH AS SODIUM CARBONATE.  
Neutralizing Agent:SODIUM CARBONATE

## Handling

Handling and Storage Precautions:INDEFINITE SHELF LIFE WHEN BORIC ACID  
IS PRESENT. DON'T SPILL OR STORE NEAR CYANIDES.  
Other Precautions:NONE

## Exposure Controls

Ventilation:MECHANICAL: GENERAL VENTILATION  
Protective Gloves:RUBBER  
Eye Protection:FACE SHIELD  
Other Protective Equipment:RUBBER APRON  
Supplemental Safety and Health

## Chemical Properties

Boiling Pt:B.P. Text:N/R.  
Vapor Density:N/R.  
Spec Gravity:1.75  
Evaporation Rate & Reference:LESS THAN ETHER  
Solubility in Water:COMPLETE  
Appearance and Odor:COLORLESS LIQUID W/RELATIVELY NO ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES  
CYANIDES  
Stability Condition to Avoid:DON'T MIX W/CYANIDES  
Hazardous Decomposition Products:NONE  
Conditions to Avoid Polymerization:EVAPORATION TO DRYNESS AND SUSTAINED  
HEATING.

## Disposal

Waste Disposal Methods:REACT WITH ANY OF THE FOLLOWING: CAO; CA(OH)<sub>2</sub>;  
NAOH, KOH: NA<sub>2</sub>CO<sub>3</sub>.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.