

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-144/14486-19-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
14486-19-2  
**Code:**  
M

**RTECS:**  
EV0525000  
**Code:**  
M

**Name:**  
CADMIUM FLUOROBORATE

**Other REC Limits:**  
NONE SPECIFIED

**OSHA PEL:**  
1 MG/M3/2 STEL  
**Code:**  
M

**OSHA STEL:**  
  
**Code:**

**ACGIH TLV:**  
1 MG/M3/2 STEL; 8990  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
USE AIR-SUPPLIED TYPE IN CONFINED AREA.

**Ventilation:**  
LOCAL EXHAUST/MECHANICAL.

**Protective Gloves:**  
WELDER'S.

**Eye Protection:**  
PROTECTIVE SHIELD LENS.

**Other Protective Equipment:**  
Equipment N/P

**Work Hygienic Practices:**  
N/P 5

**Supplemental Safety and Health:**  
FORMULATION CHANGE FROM P/N IND A; ALUTIN 51-B SERIES IS NO LONGER PRODUCED.

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
NO

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
N/P

**IARC:**  
N/P

**OSHA:**  
N/P 3

**Health Hazards Acute And Chronic:**  
N/P

**Explanation Of Carcinogenicity:**  
N/P

**Signs And Symptoms Of Overexposure:**  
SKIN OR EYE CONTACT MAY CAUSE IRRITATION. FUMES MAY CONTRIBUTE TO RESPIRATORY IRRITATION.

**Medical Cond Aggravated By Exposure:**  
N/P

**First Aid:**  
FLUSH AFFECTED AREA WITH WATER.REMOVE TO WELL VENTILATED AREA. OBTAIN MEDICAL ASSISTANCE IF NECESSARY.

**Spill Release Procedures:**  
AVOID CONTACT WITH SKIN OR EYES. RINSE THOROUGHLY WITH WATER IF CONTACT MADE.

**Neutralizing Agent:**  
N/P

**Waste Disposal Methods:**  
FLUSH THOROUGHLY WITH WATER. NORMAL INDUSTRIAL WASTE PROCEDURE.

**Handling And Storage Precautions:**  
REFER TO AWS PUBLICATION ANSI Z49.1-198. KEEP FLUX SOLUTIONS IN TIGHTLY CLOSED GLASS OR PLASTIC CONTAINERS.

**Other Precautions:**  
N/P

## Fire and Explosion Hazard Information

**Flash Point Method:**  
4 N/P

**Flash Point:**

**Flash Point Text:**  
NONE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/K

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

**Fire Fighting Procedures:**  
WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.

**Unusual Fire/Explosion Hazard:**  
COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

## Physical/Chemical Properties

**HCC:**  
B2

**NRC/State LIC No:**  
N/R

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/K

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
N/K

**Decomp Temp:**

**Decomp Text:**  
UNKNOWN

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
N/K

**VOC Pounds/Gallon:**

**PH:** N/P

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
N/K

**Solubility in Water:**  
APPRECIABLE

**Appearance and Odor:**  
BROWN LIQUID AT ATMOSPHERIC CONDITION.

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
UNKNOWN

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
NOT APPLICABLE

**Materials To Avoid:**  
NOT APPLICABLE

**Hazardous Decomposition Products:**  
COMPLEX,TOXIC FUMES.

**Hazardous Polymerization Indicator:**  
NO 6

**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