

# MATERIAL SAFETY DATA SHEET

## Aufhauser Stainless Flux

DATE REVISED: 03-17-2011

**Product Name:** Stainless Flux

**Manufacturer:** Aufhauser Corporation 39 West Mall Plainview, NY 11803

**Emergency Phone Number: 1-800-645-9486**

**Other Information Calls:** (516) 694-8696

**To the Purchaser:** This MSDS contains important environmental, health, and toxicology information for your employees who have ordered this product. Please be sure this information is given to them. If you resell this product, a copy of the MSDS should be given to the buyer.

**H.M.I.S. INFORMATION: HEALTH = 2 FLAMMABILITY = 3 REACTIVITY = 3**

### SECTION I - IDENTIFICATION

**Common Name:** Stainless Flux

**Chemical Family:** Aluminum Brazing Powder Flux

**CAS Number:** NA

**Chemical Name:** NA

**Formula:** See Below

### SECTION II - COMPOSITION INFORMATION

Components	CAS Number	%	OSHA PEL
Sodium Aluminum Fluoride	15096-52-3	5-15	1.5 PPM
Zinc Chloride	7646-85-7	3-6	1 PPM

### SECTION III - HEALTH HAZARDS

#### EMERGENCY AND FIRST AID PROCEDURES

**Eyes:** Flush with Water for 10 Minutes. Call a Physician.

**Skin:** Wash Thoroughly with Water.

**Inhalation:** Remove to Fresh Air or Administer Oxygen. Call Physician

**Ingestion:** Give Water or milk Obtain Medical Attention Immediately.

**Primary Routes of Entry:** Fume Inhalation, Ingestion, Skin, and Eyes.

**Symptoms of Overexposure:** Pulmonary Edema, Abdominal Pain, Vomiting, Eye Damage and skin Burn

**Medical Conditions Generally Aggravated by Overexposure:** None Presently Known.

**Chemical Listed as a Carcinogen or Potential Carcinogen:** None

**OSHA Permissible Exposure Limit (PEL):** 1 PPM

**ACGIH Threshold Limit Value (TLV):** 1 PPM

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** None

**Flammable Limits:** NA

**Extinguishing Media:** Dry Chemical, CO2 Foam

**Auto Ignition Temperature:** None

**Special Fire Fighting Procedures:** Normal Caution When Using Chemicals

**Unusual Fire and Explosion Hazards:** Fluorides

### SECTION V - ACCIDENTAL RELEASE MEASURES

**Steps to be Taken in Case Material is Spilled:** First Neutralize with Soda Ash or Sodium Bicarbonate, Dilute with Water and Dispose of in Accordance with EPA Regulation and Wash with Plenty of Water

### SECTION VI – STABILITY AND REACTIVITY

**Stability :** Product is stable ( **Conditions to Avoid** ) : Metals  
**Incompatibility:** Alkaline, Strong Oxidizers, or Reducing Materials, Cyanides or Sulfides.  
**Hazardous Decomposition Products:** Hydrogen Chloride Fumes , Fluorides with High Heat  
**Hazardous Polymerization :** Will Not Occur ( **Conditions to Avoid** ) : Excessive Heat or Cold

### SECTION VII - CONTROL MEASURES

**Respiratory Protection (TYPE):** NIOSH Approved Respirator. **Ventilation:** Yes  
**Mechanical (General):** Yes **Local Exhaust:** Yes  
**Eye Protection:** Safety Goggles  
**Protective Gloves:** Recommended, NIOSH Approved  
**Other Protective Clothing or Equipment:** Optional to User's Preference

### SECTION VIII - PHYSICAL AND CHEMICAL CHARACTERISTICS

**Boiling Point:** N.A. **Specific Gravity (Water = 1):** 1.2  
**Vapor Pressure (mm Hg):** NA **Percent Volatile by Volume:** 85.0%  
**Vapor Density (Air = 1):** NA **Evaporation Rate (Butyl Acetate = 1):** N.A.  
**Melting Point:** 630 Deg. C / 1166 Deg. F **Solubility in Water:** Unlimited  
**Reactivity in Water:** Exothermic **Appearance and Odor:** White Odorless Powder

### SECTION IX – HANDLING AND STORAGE

**Storage Requirement :** Store in Plastic Containers in Cool Area , Away From Heat  
**Handling Precautions:** Safe Precautionary Practices to Avoid Spills and Exposure to Skin and Fumes

### SECTION X - TRANSPORTATION AND DISPOSAL CONSIDERATIONS

**D.O.T. Proper Shipping Name:** Corrosive Solids NOS , ( Contain Zinc Chloride, Anhydrous )  
**Hazard Class:** 8  
**Identification Number:** UN1759 **Packing Group:** III  
**Type D.O.T Label Required Information:** Corrosive  
**Waste Disposal Method:** Dispose of in Accordance with EPA Regulations

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