

MATERIAL SAFETY DATA SHEET

Aufhauser Flux-10

DATE REVISED: 03/17/2011

Product Name: Aufhauser Flux-10

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: Aufhauser Flux-10

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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