



# WEDRON FLUX

A DIVISION OF BLACK LAB CORPORATION

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## Material Safety Data Sheet

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Only in the event of an emergency involving spill, leak, fire, exposure or accident involving chemicals, call  
Chemtrec 800-424-9300

### I. Product Identification

**Trade Name as Labeled:** ECOFLUX 151  
**Manufacturer's Name:** Wedron Flux.  
**Chemical Formula:** Mixture of Inorganic Salts.

### II. Hazardous Ingredients

<u>CAS Number</u>	<u>Chemical Name</u>	<u>ACGIH-TLV</u>	<u>OSHA-PEL</u>
4484-69-6	Potassium Aluminum Fluoride	2.5 mg/m <sup>3</sup> as (F)	2.5 mg/m <sup>3</sup> as (F)

### III. Physical Properties

<b>Vapor Density:</b>	Not known.	<b>Melting Point:</b>	Over 1400 F
<b>Specific Gravity:</b>	Approximately 2.0.	<b>Boiling Point:</b>	Over 2500 F
<b>Solubility in Water:</b>	Soluble.	<b>Evaporation Rate:</b>	None applicable.
<b>Vapor Pressure:</b>	2.4 @1377 F	<b>Appearance and Odor:</b>	White, fine crystalline solid.

### IV. Fire and Explosion

**Flash Point:** Not listed by NFPA  
**Auto-ignition Temperature:** None.  
**Flammable Limits in Air:** None.  
**Fire Extinguishing Materials:**  
**water spray:** XX    **carbon dioxide:**        **foam:** XX    **dry chemical:** XX    **other:**      
**Unusual Fire Fighting Procedures:** Use NIOSH / MSHA approved SCBA in an enclosed area.  
**Unusual Fire and Explosion Hazards:** Portion of this material sublimates at 2700 F.

## V. Health Hazard Information

**SYMPTOMS OF OVEREXPOSURE:** (Fluorides are generally highly toxic, whether swallowed, inhaled, or absorbed through the skin.)

**Inhalation:** Strong irritation of respiratory tract. Can cause sore throat, coughing, shortness of breath and delayed lung edema.

**Skin Contact:** Contact may cause irritation, rash and possibly burns to the skin.

**Eye Contact:** May cause severe irritation, redness, pain and possible eye burns.

**Ingestion:** May cause gastrointestinal irritation with nausea diarrhea, and vomiting. Acute exposure to Fluorine compounds, can lead to digestive tract burns and abdominal pain.

**Chronic Health Effects:** Contains Fluorides, which may cause embrittlement and densification of bones, Sclerosis, Pulmonary Fibrosis and skin rash.

### **FIRST AID MEASURES:**

**Inhalation:** Move to fresh air. If experiencing breathing difficulties give oxygen and immediately call physician.

**Ingestion:** Seek medical attention immediately. Give the person water to dilute. Do not induce vomiting.

**Skin Contact:** Wash well with soap and water while removing contaminated clothing & shoes. Get medical attention immediately.

**Eye Contact:** Flush with running water for at least (15) minutes. Seek medical help immediately.

**Suspected Cancer Agent?** No.

## VI. Reactivity Data

**Stability:** Stable XX Unstable \_\_\_\_\_

**Conditions to Avoid:** Excess moisture.

**Incompatibility (materials to avoid):** Strong acids or acid fumes.

**Hazardous Decomposition Products (including combustion products):** Combustion or heat of fire may produce hazardous decomposition products or vapors including F, Cl<sup>-</sup>.

**Hazardous Polymerization:** May Occur    Will Not Occur XX

## VII. Spill, Leak, and Disposal Procedures

**Spill Response Procedures (including employee protection measures):** Pick up using dustless methods (vacuum).

**Waste Disposal:** Follow current applicable local, state and federal regulations.

## VIII. Special Handling Information

**Ventilation and Engineering Controls:** Not normally required.

**Respiratory Protection (type):** Use NIOSH approved respirator.

**Eye Protection:** Wear chemical safety goggles or full-face shield where dusting is possible.

**Gloves (specify material):** Wear protective gloves to prevent skin exposure

**Other Clothing and Equipment:** Wear protective clothing to prevent skin contact.

**Work Practices, Hygienic Practices:** Wash hands prior to eating or after physical contact. Launder contaminated clothing before wearing.

**Other Handling and Storage Requirements:** Store in a cool, dry place. Protect from mechanical damage. Do not reuse container. Handle with minimum of dust generation.

## IX. Transportation Data

NOT REGULATED BY DOT