



WEDRON FLUX

A DIVISION OF BLACK LAB CORPORATION

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Material Safety Data Sheet

Date Prepared: December 1, 2004

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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: WF 30
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 ³ as (F)	2.5 mg/m ³ as (F)

III. Physical Properties

Vapor Density:	Not known.	Melting Point:	Over 1400 F
Specific Gravity:	Approximately 2.0.	Boiling Point:	Over 2500 F
Solubility in Water:	Soluble.	Evaporation Rate:	None applicable.
Vapor Pressure:	2.4 @1377 F	Appearance and Odor:	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. Combustion or heat of fire may produce hazardous decomposition products or vapors including F⁻, Cl⁻.
Unusual Fire and Explosion Hazards: A 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.

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: Safety glasses. 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