



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: WF 7
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> |
|-------------------|--------------------------------------|--------------------------|--------------------------|
| 16871-90-2 | Potassium Fluorosilicate (Fluorides) | 2.5 mg(F)/m ³ | 2.5 mg(F)/m ³ |

III. PHYSICAL PROPERTIES

| | | | |
|-----------------------------|-------------------|-----------------------------|--------------------------------|
| Vapor Density: | Not known. | Melting Point Range: | 773°F |
| Specific Gravity: | Approximately 2.0 | Boiling Point Range: | Not known |
| Solubility in Water: | Soluble. | Evaporation Rate: | None applicable. |
| Vapor Pressure: | Not known | 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: Self-contained breathing apparatus needed. When heated, material gives of toxic fumes of F⁻, Cl⁻, K₂O, and Na₂O
Unusual Fire and Explosion Hazards: Molten material may react explosively with water.

V. HEALTH HAZARD INFORMATION

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

Inhalation: Contains Fluorides. Strong irritation of respiratory tract.
Skin Contact: Contact may cause irritation or rash, particularly with moist skin.
Eye Contact: Causes irritation, redness and pain.
Ingestion: May cause pain, diarrhea, and vomiting.
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 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. Seek medical attention if irritation or chemical burns develop.
Eye Contact: Flush with running water for at least (15) minutes. Seek medical help
Suspected Cancer Agent? No.

VI. REACTIVITY DATA

Stability: Stable XX Unstable _____
Conditions to Avoid: Excess moisture; keep dry.
Incompatibility (materials to avoid): Strong acids or acid mist. Potentially violent reaction or ignition with organic matter, calcium-silicon alloys, magnesium chloride, magnesium, non-metals.
Hazardous Decomposition Products (including combustion products): When exposed to high temperatures Cl, F, Na₂O, KNO_x.
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). Wear respirator and protective gloves, clothing (plastic/rubberized) to avoid inhalation or skin contact.
Waste Disposal: Follow current applicable local, state and federal regulations.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and Engineering Controls: Local exhaust ventilation.
Respiratory Protection (type): Use NIOSH approved respirator if TLV exceeded.
Eye Protection (type): Use chemical safety goggles where dusting is possible.
Gloves (specify material): PVC if spillage is handled.
Other Clothing and Equipment: Not normally required.
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 away from high temperatures and acids. Protect from mechanical damage. Do not reuse container. Handle with minimum of dust generation.
Protective Measures During Maintenance of Contaminated Equipment: PVC gloves or other impervious material.

IX. TRANSPORTATION DATA

NOT REGULATED BY DOT