



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 37
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>
16893-85-9	Sodium Fluorosilicate (Fluorides)	2.5 mg(F)/m ³	2.5 mg(F)/m ³

III. PHYSICAL PROPERTIES

Vapor Density:	Not known.	Melting Point Range:	From 800°F
Specific Gravity:	Approximately 2.7	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, 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, burning sensation, cough.
Skin Contact: Contact may cause irritation or rash, particularly with moist skin.
Eye Contact: Causes irritation, redness and pain.
Ingestion: May cause pain, nausea, diarrhea and vomiting, abdominal cramps.
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 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 fifteen (15) minutes. Seek medical help.
Suspected Cancer Agent? No.

Hazard Rating (HMIS 0=low, 4=high): Health: 1 Flammability: 0 Physical Hazard: 0 PPE Level: F

VI. REACTIVITY DATA

Stability: Stable XX Unstable _____
Conditions to Avoid: Excess moisture; keep dry.
Incompatibility (materials to avoid): Strong acids or acid fumes. 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, NO_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 material is handled.
Other Clothing and Equipment: Not normally required unless contact with material might be expected.
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 is recommended.

IX. TRANSPORTATION DATA

NOT REGULATED BY DOT