

Material Safety Data Sheet

**Science Stuff, Inc.
1104 Newport Ave
Austin, TX 78753**

**Phone (512) 837-6020
Chemtrec 800-424-9300
24 Hour Emergency Assistance**

Section 1 Identification	
Product Number:	C1928
Product Name:	Iron Filings Fine
Trade/Chemical Synonyms:	
Formula:	Fe(m)
RTECS:	NO4565500
C.A.S:	CAS# 7439-89-6

Section 2 Component Mixture					
Sara 313	Component	CAS Number	%	Dim	Exposure Limits:
<input type="checkbox"/>	Iron Filings Fine	CAS# 7439-89-6	100%	w/w	TXDS: orl-rat LD ₅₀ : 30 g/Kg

Section 3 Hazard Identification (Also see section 11)
Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

Section 4 First Aid Measures
Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: Give several glasses of milk or water. Vomiting may occur spontaneously, but it is not necessary to induce. Never give anything by mouth to an unconscious person.

Section 5 Fire Fighting Measures

Fire Extinguisher Type: Any means suitable for extinguishing surrounding fire

Fire/Explosion Hazards: None Known.

Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

Section 6 Accidental Release Measures
Dispose of in a manner consistent with federal, state and local regulations.

Section 7 Handling and Storage
Store in a cool dry place. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling

Section 8 Exposure Controls & Personal Protection
Respiratory Protection: None required

Mechanical: Hand Protection: Gloves to prevent exposure

Ventilation: Local Exhaust: Safety Eye Glasses Protection: w/ Side Shields

Other Protective Equipment: Wear appropriate

Section 9 Physical and Chemical Properties

Melting Point:	1535° C	Specific Gravity	7.87
Boiling Point:	2750° C	Percent Volatile by Volume:	N/A
Vapor Pressure:	N/A	Evaporation Rate:	N/A
Vapor Density:	N/A	Evaporation Standard:	
Solubility in Water:	Insoluble	Auto ignition Temperature:	Not applicable
Appearance and Odor:	Silver to gray metal in powder or granular form	Lower Flamm. Limit in Air:	Not applicable
Flash Point:	N/A	Upper Flamm. Limit in Air:	Not applicable

Section 10 Stability and Reactivity Information

Conditions to Avoid: Avoid Stability: Stable contact with incompatible materials.

Materials to Avoid: Strong oxidizing agents, metals, acids, water, mineral acids

	Hazardous Decomposition Products: None	
	Hazardous Polymerization: Will Not Occur	
	Condition to Avoid: None known	
	Section 11 Additional Information	
	Avoid contact with eyes skin and skin. May cause irritation. Conditions aggravated/target organs Persons with pre-existing eye, skin or respiratory conditions may be more susceptible.	
DOT Classification: Not Regulated		
DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.		
Revision No:0	Date Entered: 9/1/2006	Approved by: WPF

The information contained herein is believed to be accurate and is offered in good faith for the user's consideration and investigation. No warranty is expressed or implied regarding the completeness or accuracy of this information, whether originating from Science Stuff, Inc. or from an alternate source. Users of this material should satisfy themselves by independent investigation of current scientific and medical information that this material may be safely handled.