

SECTION 1 IDENTIFICATION	
Product Number	060-0313
Product Name	Iron Filings
Trade /Chemical Synonyms	
Formula	Fe(m)
RTECS	NO4565500
C.A.S. #	CAS# 7439-89-6
Health:	0
Flammability:	0
Reactivity:	0
Hazard Rating: Least Slight Moderate High Extreme 0 1 2 3 4 NA = Not Applicable NE = Not Established	

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 Ventilation: Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Protective Gloves: Gloves to prevent exposure Eye Protection: Safety Glasses w/ Side Shields Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

SECTION 2 MIXTURE COMPONENTS												
<table border="1"> <thead> <tr> <th>Sara 313</th> <th>Component</th> <th>CAS Number</th> <th>%</th> <th>Dim.</th> <th>Exposure Limits:</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/></td> <td>Iron Filings Fine</td> <td>CAS# 7439-89-6</td> <td>100%</td> <td>W/W</td> <td>TXDS: orl-rat LD₅₀: 30 g/Kg</td> </tr> </tbody> </table>	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
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SECTION 3 HAZARD IDENTIFICATION (SEE ALSO 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
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 9 PHYSICAL AND CHEMICAL PROPERTIES	
Melting Point: 1535° C Boiling Point: 2750° C Vapor Pressure: N/A Vapor Density: N/A Solubility in Water: Insoluble Appearance /Odors: Silver to gray metal in powder or granular form Flash Point: N/A Specific Gravity: 7.87	Percent Volatile by Volume: N/A Evaporation Rate: N/A Evaporation Standard: Auto Ignition Temp: Not applicable Lower Flamm. Limit in Air: Not applicable Upper Flamm. Limit in Air: Not applicable

SECTION 10 STABILITY AND REACTIVITY INFORMATION
Stability: Stable Conditions to Avoid: Avoid contact with incompatible materials. Materials to Avoid: Strong oxidizing agents, metals, acids, water, mineral acids Hazardous Decomposition Products: None Hazardous polymerization: Will Not Occur Conditions 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 D.O.T. regulations.
 Rev. No: 0 Date Entered: 9/1/2005 Approved: WPF Safety Dir.: WPF