

# MATERIAL SAFETY DATA SHEET

Iron Filings Fine

## SECTION 1 . Product and Company Identification

Product Name and Synonym: Iron Filings Fine  
Product Code: I6553  
Material Uses:  
Manufacturer: Science Stuff  
1104 Newport Ave  
Austin, TX 78753  
(512) 837-6020  
Entry Date : 6/7/2013  
Print Date: 6/7/2013  
24 Hour Emergency Assistance : Chemtrec 800-424-9300  
Canutec 613-996-6666

Health:	2
Flammability:	1
Reactivity:	2

Hazard Rating:  
Least Slight Moderate High Extreme  
0 1 2 3 4  
NA=Not Applicable NE=Not Established

## SECTION 2 HAZARD IDENTIFICATION

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

## SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Iron Filings Fine	CAS# 7439-89-6	100%	W/W	TXDS: orl-rat LD $\bullet$ : 30 g/Kg

## SECTION 4 FIRST AID MEASURES

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

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 water. Vomiting may occur, but it is not necessary to induce.

## 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

Iron Filings Fine

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
Ventilation: Local Exhaust [checked], Mechanical [ ]
Protective Gloves: Gloves to prevent exposure
Eye Protection: Safety Glasses w/ Side Shields
Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

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 Toxicological Information

Oral rat LD50: 30 gm/kg; investigated as a tumorigen.

-----\Cancer Lists\-----

Ingredient ---NTP Carcinogen--- Known Anticipated IARC Category

Iron Filings Fine

Iron Reduced (7439-89-6) No No None

**SECTION 12 Ecological Information**

Environmental Fate:  
No information found.  
Environmental Toxicity:  
No information found.

**SECTION 13 Disposal Considerations**

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Although not a listed RCRA hazardous waste, this material may exhibit one or more characteristics of a hazardous waste and require appropriate analysis to determine specific disposal requirements. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

**SECTION 14 Transport Information**

DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

**SECTION 15 Regulatory Information**

-----\Chemical Inventory Status - Part 1\-----  
Ingredient TSCA EC Japan Australia  
Iron Reduced (7439-89-6) Yes Yes No Yes

-----\Chemical Inventory Status - Part 2\-----  
--Canada--  
Ingredient Korea DSL NDSL Phil.  
Iron Reduced (7439-89-6) Yes Yes No Yes

-----\Federal, State & International Regulations - Part 1\-----  
-SARA 302- -----SARA 313-----  
Ingredient RQ TPQ List Chemical Catg.  
Iron Reduced (7439-89-6) No No No No

-----\Federal, State & International Regulations - Part 2\-----  
-RCRA- -TSCA-  
Ingredient CERCLA 261.33 8(d)  
Iron Reduced (7439-89-6) No No No

Chemical Weapons Convention: No TSCA 12(b): No CDTA: No  
SARA 311/312: Acute: Yes Chronic: Yes Fire: No Pressure: No  
Reactivity: No (Pure / Solid)

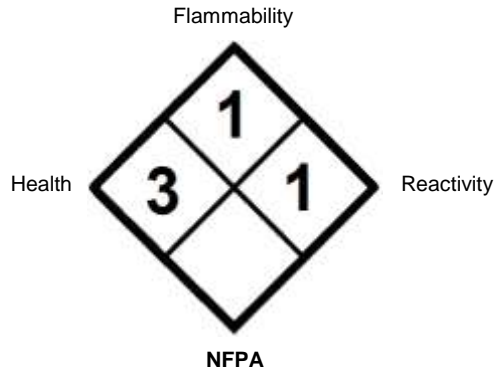
Australian Hazchem Code: None allocated.  
Poison Schedule: None allocated.

WHMIS:

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

**SECTION 16 Additional Information**

Iron Filings Fine



Revisions

0.1	Creation date LS
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