

OSHA-Required Health And Safety Information!

This Material Safety Data Sheet (MSDS) was requested moments ago from Hercules Automated Fax Information System. Please forward it immediately to the person in charge of MSDS's, or retain it at the machine until claimed.

Section 1

MATERIAL SAFETY DATA SHEET # 49
Iron Ike®



MATERIAL SAFETY INFORMATION SERVICE

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Date Prepared: 2/24/1987 Last Reviewed: 1/7/2002

Meets OSHA 29 CFR 1910.1200

Section 2 - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s), CAS Numbers)	OSHA PEL	ACGIH TLV	Other Limits	Upper Bound Limit if SARA Reportable
Sodium Hydrosulphite (7775-14-6)	5mg/M ³ (respir	5mg/M ³ (respirable	N/A	--
Sodium Bisulphite (7681-57-4)	N/E	5mg/M ³ (respirable	N/A	--

HMIS Hazard Rating: Health: 2 Flammability: 1 Reactivity: 1 Personal Protection: E

Section 3 - Physical/Chemical Characteristics

Boiling Point (°C):	Specific Gravity (H ₂ O = 1):	Vapor Density (Air = 1):	Vapor Pressure (mm Hg):
N/A	1.6 to 1.7	N/A	N/A
Melting Point (° F)	Evaporation Rate: (Butyl Acetate = 1)	Solubility in Water:	
130		Appreciable	
Appearance And Color:	White crystal to granular powder		Odor: Slight odor of sulfur dioxide

Section 4 - Fire And Explosion Hazard Data

Flash Point:	Flammable Limits:	LEL:	UEL:
over 200° F	N/A	N/A	N/A

Extinguishing Media: Large quantities of water to be used in case of fire. CO₂ and dry chemical fire extinguishers are

Special Firefighting Procedures:

The product is non-flammable, but it contains a flammable solid in the blend. Burning or smoldering Iron Ike containers should be spread out before adding water.

Unusual Fire And Explosion Hazards:

A gas mask with acid canister for SO₂ or SCBA (Self Contained Breathing Apparatus) should be worn. Small amounts of water may possibly cause a fire or create temperatures significant to ignite nearby combustible materials.

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Section 5 - Reactivity Data

Stability: Stable **Conditions To Avoid:** Heat above 50° C and moisture.

Incompatibility (Materials To Avoid): Oxidizing agents, acidic materials, moisture

Hazardous Decomposition: Sulfur dioxide and sodium sulfide at high temperatures

Hazardous Polymerization: Will Not Occur

Section 6 - Health Hazard Data

Routes of Entry: Inhalation YES/primary Skin N/A Ingestion YES/secondary

Health Hazards:

Slightly toxic by ingestion and inhalation. No specific information on chronic effects of exposure.

Carcinogenicity: NTP NO IARC NO OSHA Regulated NO

Signs And Symptoms of Exposure:

The dust from product can cause respiratory sensitization

Medical Conditions Generally Aggravated By Exposure:

None known

Emergency And First Aid Procedures:

INGESTION: If appreciable quantities are swallowed, seek medical attention. **SKIN:** Wash thoroughly for 15 minutes with soap and water. Remove contaminated clothing. **INHALATION:** remove from exposure. If breathing is difficult, administer oxygen. Seek medical attention immediately, **EYES:** Remove from exposure. Flush eyes for 15 minutes. Seek medical attention.

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Section 7 - Precautions For Safe Handling And Use:**Steps To Be Taken In Case Material Is Released Or Spilled:**

Shovel up large spills. Neutralize residue with alkali and flush away with plenty of water.

Waste Disposal Method:

Large quantities of waste have to be disposed in conformance with local state and federal regulations.

Precautions To Be Taken In Handling And Storing:

Store at temperatures below 50° C away from acids, oxidizers, flammables.

Other Precautions:

None

Section 8 - Control Measures:**Respiratory Protection:**

When handling quantities, if the possibility of dust exists, use NIOSH/MSHA approved dust mask.

Ventilation: Local Exhaust Adequate
Mechanical N/A

Special N/A

Gloves: Rubber gloves

Other: N/A

Eye Protection: Safety goggles

Other Protective Clothing: None normally required.

Work/Hygienic Practices Wash thoroughly after handling the material.



FACTS
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For Hercules Material Safety Data Sheets by fax anytime, day or night, just call 1-800-942-INFO (1-800-942-4636) from any Touch-Tone phone. Have your fax number ready. Checking the product label for the correct MSDS # will save time.