

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 # 31 Boiler Solder



MATERIAL SAFETY INFORMATION SERVICE

Hercules Chemical Company Inc.
 111 South Street
 Passaic NJ 07055
 Phone (800) 221-9330
 Fax (800) 333-3456

Date Prepared: 3/13/1991 Last Reviewed: 7/23/2010

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
Benzoic Acid (65-85-0)	15mg/M ³	N/A	N/A	<10
	As nuisance dust			--
	5mg/M ³			
	As respirable dust			

HMIS Hazard Rating: Health:1 Flammability: 0 Reactivity: 0 Personal Protection: E

Section 3 - Physical/Chemical Characteristics

Boiling Point (°F):	Specific Gravity (H ₂ O = 1):	Vapor Density (Air = 1):	Vapor Pressure (mm Hg):
N/A	0.4 to 0.47	N/A	N/A
Melting Point (° F):	Evaporation Rate: (Butyl Acetate = 1)	Solubility in Water:	VOC Level (g/l):
N/A		Insoluble	0.0
Appearance And Color:	Grayish silver colored powder		Odor: Slight characteristic odor

Section 4 - Fire And Explosion Hazard Data

Flash Point:	Flammable Limits:	LEL:	UEL:
N/A	N/A		

Extinguishing Media: Dry chemical, foam or CO₂ to extinguish fires.

Special Firefighting Procedures:

Wear self-contained positive pressure breathing apparatus and full protective clothing.

Unusual Fire And Explosion Hazards:

Contains aluminum powder which could form flammable and explosive mixtures in air, tolerance 50 PPM in air.

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Section 5 - Reactivity Data

Stability: Stable **Conditions To Avoid:** High heat and open flame.

Incompatibility (Materials To Avoid): Strong oxidizing agents

Hazardous Decomposition: Decomposition under fire conditions will generate carbon monoxide and other toxic vapors.

Hazardous Polymerization: Will Not Occur

Section 6 - Health Hazard Data

Routes of Entry: **Inhalation** YES/Primary **Skin** YES/Secondary **Ingestion** YES/Secondary

Health Hazards:

Inhalation of dust may irritate the nose and throat. May be harmful if swallowed. Eye and skin irritant. No other chronic health hazard information is available.

Carcinogenicity: **NTP** NO **IARC** NO **OSHA Regulated** NO

Signs And Symptoms of Exposure:

Irritation of eyes and skin

Medical Conditions Generally Aggravated By Exposure:

None known

Emergency And First Aid Procedures:

INHALATION: If overcome by exposure, remove to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. **EYE CONTACT:** In case of eye contact, immediately irrigate with plenty of water for at least 15 minutes. Obtain medical attention if irritation persists. **SKIN CONTACT:** Remove contaminated clothing as needed. Wash skin thoroughly with mild soap and water. Obtain medical attention if irritation develops. **INGESTION:** If swallowed induce vomiting. Obtain emergency 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:**

Remove sources of ignition. Sweep up and remove to disposal container.

Waste Disposal Method:

Normal landfill

Precautions To Be Taken In Handling And Storing:

Keep from high heat

Other Precautions:

None

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

N/A

Ventilation: Local Exhaust Adequate
Mechanical N/A

Special N/A

Other: N/A

Gloves: Rubber gloves

Eye Protection: Safety goggles

Other Protective
Clothing: N/A

Work/Hygienic Practices Use good personal hygiene practices. Wash thoroughly after handling.

Additional Information:

FACTS
axed
AST!

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.