

1. Identification

Product Code **CI7022-58**

Product Name **FERROUS SULPHIDE LUMP**

Molecular Formula **FeS =87.91**

CAS Number **1317-37-9**

Supplier:  **BEECROFT & PARTNERS**
Northfield Road
Rotherham
South Yorkshire

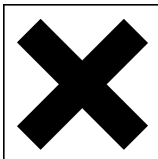
Phone **01709-377881**

Fax **01709-369264**

Emergency Telephone **08:30-1700 01709-377881**
24hr 112
(Have this document to hand)

2. Composition

Component	CAS No	EEC No	Conc w/w	Classification & Risk Phrases	Exp (See 8.1)
Ferrous sulphide	1317-37-9	215-268-6	> 95.0%	Xi : R31,R36/37/38	N/A

3. Hazards Identification

Contact with acids liberates toxic gas. Irritating to eyes, respiratory system and skin.

4. First Aid Measures

Eyes Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. OBTAIN MEDICAL ATTENTION.

Skin Wash off skin thoroughly with water. Remove contaminated clothing immediately and wash before re-use. Unless contact has been slight OBTAIN MEDICAL ATTENTION

Inhalation Remove from exposure. If material has reacted with an acid to form, sulphur dioxide, seek immediate medical assistance.

Ingestion Wash out the patients mouth thoroughly with water. OBTAIN MEDICAL ATTENTION.

5. Fire Fighting Measures

Hazards Evacuate area immediately. Keep up wind. Avoid exposure to toxic vapours and fumes. Fire-fighters should wear protective clothing and breathing apparatus. May evolve toxic fumes if involved in a fire.

Extinguishing Media Consider what other flammable materials are present and act accordingly.

Unsuitable Media Nothing specified.

6. Accidental Release Measures

Personal Protection	Evacuate area immediately. If contact with acid is possible, use full protective clothing and breathing apparatus.
Environmental	Keep material out of sewers, storm drains, surface waters and soil. Notify the Environmental Agency and local Environmental Health Officer if major spillage occurs.
Major Spillage	Shovel/sweep up into container for removal Wash area down with copious amounts of water.
Minor Spillage	Wash area down with copious amounts of water.

7. Storage & Handling

Handling Precautions	Avoid contact with skin and eyes. Do not breath dust. Do not allow to contaminate clothing. No specific precautions.
Storage Conditions	Well ventilated, cool, dry storage . Keep well separated from acids.

8.1 Occupational Exposure Limits

No prescribed exposure limits available

8.2 Personal Protection

Respiratory	Use L.E.V. or natural ventilation to reduce dust concentrations to a minimum.
Hands	Wear gloves.
Eyes	Use chemical splash proof glasses or goggles.
Skin	Avoid contact with skin. If skin contact or contamination of clothing is likely, protective clothing must be worn.

9. Physical & Chemical Properties

Appearance	Grey to brown-black lumps or powder
Odour	Characteristic.
pH	13 (5% solution)
Boiling point	Not available
Melting point	50.0 °C
Flash point	Not available
Upper Flammable Limit	Not available
Lower Flammable Limit	Not available
Auto Ignition	Not available
Explosive properties	No.
Oxidising Properties	No.
Vapour Pressure	Not available
Relative Density	1.4270
Water Solubility	18.6%

10. Stability & Reactivity

Chemical Stability	Stable under normal conditions
Conditions to Avoid	Avoid contact with acids.
Materials to Avoid	Acids.
Hazardous Decomposition Products	Decomposes to form toxic fumes of sulphur dioxide and very toxic hydrogen sulphide.

11. Toxicological Information

Eyes	Contact with the solid or dust will be irritating to the eyes.
Skin	Contact with the solid or dust will be irritating to the eyes.
LD50 Skin	Not available

11. Toxicological Information (continued)

Ingest	Ingestion may result in formation of toxic sulphur dioxide.
LD50 Ingest	Not available
Inhalation	Presents no significant health hazard by inhalation.
Carcinogenicity	Not considered to be a carcinogen.
Mutagenicity	Not considered to be a mutagen.
Reproductive Effects	None identified.

12. Ecological

Data for soluble sulphides in general: Toxic to aquatic organisms : LDlo for fish 3mg/l.
Toxic hydrogen sulphide may form even in dilute acidic environments.

13. Disposal Considerations

Disposal Methods	Do not dispose of as domestic waste.
Contaminated Packaging	Wash out containers with water.

14. Transport Information

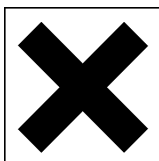
Proper Shipping Name	Non-restricted
UN Number	Non-restricted
UN Classification	None
Subsidiary Risk	None
Flash Point	Not available
Packing Group	None
Marine pollutant	No
ADR Hazard ID	Non-restricted

15. Regulatory Information

Labelling	Irritant.
Classification	

Label Symbols

Xi



Risk & safety Phrases	Contact with acids liberates toxic gas. Irritating to eyes, respiratory system and skin. Keep container tightly closed and dry. Keep in a cool place. In case of fire and/or explosion do not breathe fumes. Use only in well ventilated areas. Wear suitable protective clothing, gloves and eye/face protection.
EEC Number	215-268-6

16. Other Information

Document Information	This document has been prepared in accordance with directive 88/379/EEC. The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment. Revision Date: 29/01/03. Data reviewed and PDF file generated: 07/06/04. Copyright 2004 Beecroft & Partners.
----------------------	--