


Material Safety Data Sheet

Section 1. Product Information and Company Identification			
Product name	Ferrous Sulphate		
Mol.formula	FeSO4.7H2O	Cas no	7782-63-0
Mol.wt	278.01 g/mol	Cat no	F113
Manufacture name	Pioneers for laboratory chemicals		
Brand name	Piochem		
Address	Area 540, Industrial Zone 6 th October city Giza, Egypt.		
Website	www.piochem.com		
E-mail	info@piochem.com		
Phone number	+201225728304 , +201023932115		

Section 2. Hazards Identification
<p>Classification of the substance or mixture:</p> <p>Irritant</p> <div style="display: flex; align-items: center;">  <p>Acute toxicity (oral, dermal, inhalation), category 4 Skin irritation, category 2 Eye irritation, category 2A</p> </div> <p>Acute Tox. 4 Skin Irrit. 2 Eye Irrit. 2 Hazards Not Otherwise Classified - Combustible Dust</p> <p>Signal word : Warning</p> <p>Hazard statements:</p> <p>Harmful if swallowed Causes skin irritation Causes serious eye irritation</p> <p>Precautionary statements:</p> <p>If medical advice is needed, have product container or label at hand Keep out of reach of children Read label before use Wash ... thoroughly after handling Do not eat, drink or smoke when using this product Wear protective gloves/protective clothing/eye protection/face protection Do not eat, drink or smoke when using this product IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell Rinse mouth</p>



IF ON SKIN: Wash with soap and water

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing

If skin irritation occurs: Get medical advice/attention

If eye irritation persists get medical advice/attention Take off contaminated clothing and wash before reuse Dispose of contents/container to ...

Combustible Dust Hazard:

May form combustible dust concentrations in air (during processing).

Section 3. First Aid Measures

Description of first aid measures

After inhalation: Move exposed individual to fresh air. Loosen clothing as necessary and position individual in a comfortable position. Seek medical advice if discomfort or irritation persists. If breathing difficult, give oxygen.

After skin contact: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Wash affected area with soap and water.

Rinse/flush exposed skin gently using water for 15-20 minutes. Seek medical advice if discomfort or irritation persists.

After eye contact: Protect unexposed eye. Rinse/flush exposed eye(s) gently using water for 15-20 minutes. Remove contact lens(es) if able to do so during rinsing. Seek immediate medical attention or advice.

After swallowing: Rinse mouth thoroughly. Do not induce vomiting. Have exposed individual drink sips of water. Seek medical attention if irritation, discomfort or vomiting persists.

Most important symptoms and effects, both acute and delayed:

Irritation, Nausea, Headache, Shortness of breath.

Indication of any immediate medical attention and special treatment needed:

If seeking medical attention, provide SDS document to physician.

Section 4. Fire Fighting Measures

Extinguishing media

Suitable extinguishing agents: Use water spray, dry chemical, carbon dioxide, or chemical foam. If in laboratory setting, follow laboratory fire suppression procedures. Use appropriate fire suppression agents for adjacent



combustible materials or sources of ignition

For safety reasons unsuitable extinguishing agents: No information available.

Special hazards arising from the substance or mixture:

Thermal decomposition can lead to release of irritating gases and vapors. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Advice for firefighters:

Protective equipment: Use NIOSH-approved respiratory protection/breathing apparatus.

Additional information (precautions): Move product containers away from fire or keep cool with water spray as a protective measure, where feasible. Use spark-proof tools and explosion-proof equipment.

Section 5. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Contain spilled material by diking or using inert absorbent. Transfer to a disposal or recovery container. Wear protective equipment. Use spark-proof tools and explosion-proof equipment. Use respiratory protective device against the effects of fumes/dust/aerosol. Ensure adequate ventilation. Keep away from ignition sources. Protect from heat. Stop the spill, if possible.

Environmental precautions:

Should not be released into the environment. Prevent from reaching drains, sewer or waterway. Collect contaminated soil for characterization

Methods and material for containment and cleaning up:

If in a laboratory setting, follow Chemical Hygiene Plan procedures. Place into properly labeled containers for recovery or disposal. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Collect solids in powder form using vacuum with (HEPA filter).

Section 6. Handling and Storage

Precautions for safe handling:

Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Wash hands after handling. Avoid contact with skin, eyes and clothes. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Follow good



hygiene procedures when handling chemical materials. Do not eat, drink, smoke, or use personal products when handling chemical substances. Use only in well ventilated areas.

Conditions for safe storage, including any incompatibilities:

Provide ventilation for containers. Avoid storage near extreme heat, ignition sources or open flame. Store away from foodstuffs. Store away from oxidizing agents. Store in cool, dry conditions in well sealed containers. Store with like hazards.

Section 7. Additional Information

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

