

Material Safety Data Sheet

Section 1. Product Information and Company Identification			
Product name	Ammonium iron(II) sulfate		
Mol.formula	H8FeN2O8S2 · 6H2O	Cas no	7783-85-9
Mol.wt	392.14 g/mol	Cat no	A057
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>Emergency Overview</p> <p>OSHA Hazards</p> <p>Irritant</p> <p>GHS Classification</p> <p>Acute toxicity, Oral (Category 5)</p> <p>Skin irritation (Category 2)</p> <p>Eye irritation (Category 2A)</p> <p>Specific target organ toxicity - single exposure (Category 3)</p> <p>GHS Label elements, including precautionary statements</p> <p>Pictogram Signal word</p> <p>Warning Hazard statement(s)</p> <p>H303 May be harmful if swallowed.</p> <p>H315 Causes skin irritation.</p> <p>H319 Causes serious eye irritation.</p> <p>H335 May cause respiratory irritation.</p> <p>Precautionary statement(s)</p> <p>P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.</p> <p>P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>HMS Classification</p> <p>Health hazard: 2 Flammability: 0 Physical hazards: 0 NFPA Rating Health hazard: 2 Fire: 0 Reactivity Hazard: 0</p> <p>Potential Health Effects</p> <p>Inhalation May be harmful if inhaled. Causes respiratory tract irritation.</p> <p>Skin May be harmful if absorbed through skin. Causes skin irritation.</p> <p>Eyes Causes eye irritation.</p> <p>Ingestion May be harmful if swallowed.</p>



Section 3. First Aid Measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 4. Fire Fighting Measures

Conditions of flammability

Not flammable or combustible.

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

Hazardous combustion products

Hazardous decomposition products formed under fire conditions. - nitrogen oxides (NOx), Sulphur oxides, Iron oxide.

Section 5. Accidental Release Measures

Personal precautions

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.



Section 6. Handling and Storage

Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place. Air and light sensitive. Store under inert gas.

Section 7. Additional Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

