

Material Safety Data Sheet

Section1. Product Information and Company Identification			
Product name	Iron (II) Sulfate solution		
Mol.formula	FeSO.7H2O	Cas no	null
Mol.wt	278.03 g/mol	Cat no	I013
Manfactre name	Pioneers for laboratory chemicals		
Brand name	Piochem		
Adress	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>appearance and odor:</p> <p>color: greenish-blue</p> <p>appearance: liquid odor:</p> <p>slightly acidic</p> <p>statements of hazard:</p> <p>warning! irritating to eyes, skin, respiratory and digestive tracts</p> <p>potential health effects</p> <p>effects of exposure:</p> <p>oral Id50 (mouse) 1520 mg/kg.</p>

Section 3.First Aid Measures
<p>Ingestion: Never give anything by mouth to an unconscious person. Obtain medical attention. Do not induce vomiting. Administer 250 – 300 ml water to dilute material in the stomach.</p> <p>Skin Contact: In case of skin contact, wash affected areas of skin with soap and water. If skin irritation persists, call a physician.</p> <p>Eye Contact: Rinse immediately with plenty of water for at least 15 minutes. Obtain medical advice if there are persistent symptoms.</p> <p>Inhalation: If breathing has stopped, trained personnel should administer artificial respiration. If the heart has stopped, trained personnel should administer CPR.</p>



Remove to fresh air. If breathing is difficult, give oxygen. Obtain medical advice if there are persistent symptoms.

Section 4. Fire Fighting Measures

Suitable Extinguishing Media:

Use extinguishing media appropriate for the surrounding fire.

This material will not burn easily.

Protective Equipment: Wear full firefighting protective clothing.

(Exposure Controls/Personal Protection). Firefighters and others exposed, wear self-contained breathing apparatus.

Special Hazards: Sulfur oxides and/or toxic and flammable hydrogen sulfide may be formed under fire conditions. Keep unnecessary people away.

Mechanical/Static Sensitivity Statements: None .

Section 5. Accidental Release Measures

Personal precautions:

Where exposure level is not known, wear approved, positive pressure, self-contained respirator. Where exposure level is known, wear approved respirator suitable for level of exposure. (Exposure Controls/Personal Protection) for appropriate personal protective equipment.

Methods for Cleaning Up:

Cover spills with some inert absorbent. Sweep up into containers for disposal.

Environmental Precautions:

Use appropriate containment to avoid environmental contamination. Prevent water contaminated with this product from entering drains, sewers or streams, growing crops/keeping animal areas, and site of native flora and fauna.

Section 6. Handling and Storage

Precautionary Measures: Do not get in eyes. Handle with caution. Wash thoroughly after handling. See MSDS for details.

Special Handling Statements: Review the label, this MSDS and any other applicable information before use. Keep separated from incompatible substances. Use appropriate Personal Protective Equipment .

Handle only with equipment, materials and supplies specified by their manufacturer as being compatible and appropriate for use with this product.

STORAGE

Bulk storage containers and ancillary fill and feed systems should be constructed out of appropriate materials such as polyethylene, polypropylene, rubber-lined steel and FRP designated as appropriate for use with this product. Storage tanks should be vented to scrubber or exterior atmosphere. Storage facilities should have secondary containment as required by law or regulation. Storage tanks, piping and offloading points should be labeled with appropriate signage to avoid accidents. Some concentrations of this product



will freeze or crystallize at low temperatures, insulate and heat-trace storage tanks, pumps, pipes and ancillary equipment as necessary. Product should be used within one (1) year.

Material may be stored in tightly closed shipping containers, preferably the supplier containers. Containers of this material may be hazardous when empty, since they retain product residues (vapor, liquid); observe all warnings and precautions listed for the product.

Section 7. Additional Information

The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. ALTIVIA Chemicals, LLC provides no warranties either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein. This information is offered for your information, consideration, and investigation. You should satisfy yourself that you have all current data relevant to your particular use.

ALTIVIA Chemicals, LLC knows of no medical condition, other than those noted on this material safety data sheet, which are generally recognized as being aggravated by exposure to this product.

