

## Material Safety Data Sheet

Section1. Product Information and Company Identification			
<b>Product name</b>	iron(ii)sulfate heptahydrate		
<b>Mol.formula</b>	Fe SO <sub>4</sub> ,7H <sub>2</sub> O	<b>Cas no</b>	7782-63-0
<b>Mol.wt</b>	278,02 g/mol	<b>Cat no</b>	I011
<b>Manfactre name</b>	Pioneers for laboratory chemicals		
<b>Brand name</b>	Piochem		
<b>Adress</b>	Area 540, Industrial Zone 6 <sup>th</sup> October city Giza, Egypt.		
<b>Website</b>	www.piochem.com		
<b>E-mail</b>	info@piochem.com		
<b>Phone number</b>	+201225728304 , +201023932115		

Section 2.Hazards Identification
<p>Appearance: blue-green solid.</p> <p><b>Warning!</b> Harmful if swallowed. Causes eye and skin irritation. May cause respiratory tract irritation.</p> <p><b>Target Organs:</b> Blood, kidneys, central nervous system, liver, gastrointestinal system, eyes, skin.</p> <p><b>Potential Health Effects</b></p> <p><b>Eye:</b> Causes eye irritation.</p> <p><b>Skin:</b> Causes skin irritation. May be harmful if absorbed through the skin.</p> <p><b>Ingestion:</b> Harmful if swallowed. May cause irritation of the digestive tract. May cause nausea and vomiting.</p> <p><b>Inhalation:</b> May cause respiratory tract irritation. May be harmful if inhaled.</p> <p><b>Chronic:</b> May cause liver and kidney damage. Adverse reproductive effects have been reported in animals. Laboratory experiments have resulted in mutagenic effects. Chronic exposure may cause blood effects. Exposure to high concentrations may cause central nervous system depression. Animal studies have reported the development of tumors. Oral doses of 960 mg/kg given intermittently over a 9 week period produced jaundice in</p>
Section 3.First Aid Measures
<p><b>Eyes:</b> Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.</p> <p><b>Skin:</b> Get medical aid. Immediately flush skin with plenty of water for at least 15 minutes</p>



while removing contaminated clothing and shoes.

**Ingestion:**

Do not induce vomiting. Get medical aid immediately. Call a poison control center.

**Inhalation:** Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

**Notes to Physician:** Treat symptomatically and supportively.

#### Section 4. Fire Fighting Measures

**General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or chemical foam.

**Flash Point:** Not applicable.

**Autoignition Temperature:** Not applicable.

**Explosion Limits, Lower:** Not available.

**Upper:** Not available.

**NFPA Rating:** (estimated) Health: 2; Flammability: 1; Instability: 1

#### Section 5. Accidental Release Measures

**General Information:** Use proper personal protective equipment as indicated

**Spills/Leaks:** Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Provide ventilation. Do not let this chemical enter the environment.

#### Section 6. Handling and Storage

**Handling:** Use with adequate ventilation. Minimize dust generation and accumulation. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale.

**Storage:** Store in a cool, dry place. Store in a tightly closed container. Store under an inert atmosphere.

#### Section 7. Additional Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Fisher be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Fisher has been advised of the possibility of such damages

