


Material Safety Data Sheet

Section1. Product Information and Company Identification			
Product name	Lithium Sulphate		
Mol.formula	Li2SO4.H2O	Cas no	10102-25-7
Mol.wt	127.95 g/mol	Cat no	L013
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 OSHA Hazards Target Organ Effect, Harmful by ingestion. Target Organs Central nervous system, Kidney, Cardiovascular system. GHS Classification Acute toxicity, Oral (Category 4)</p>	
<p>GHS Label elements, including precautionary statements</p>	
Pictogram	
Signal word	Warning
Hazard statement(s)	H302 Harmful if swallowed. Precautionary
Signal word	Warning
Hazard statement(s)	H302 Harmful if swallowed.
Precautionary statement(s)	none
<p>HMIS Classification</p> <p>Health hazard: 1</p> <p>Chronic Health Hazard: *</p> <p>Flammability: 0</p>	



Physical hazards: 0

NFPA Rating

Health hazard: 1

Fire: 0

Reactivity Hazard: 0

Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation

Skin Harmful if absorbed through skin. May cause skin irritation.

Eyes May cause eye irritation.

Ingestion Harmful if swallowed.

Section 3. First Aid Measures

General advice

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

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

Flush eyes with water as a precaution.

If swallowed

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

Section 4. Fire Fighting Measures

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. - Sulphur oxides, Lithium oxides.

Section 5. Accidental Release Measures

Personal precautions

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. 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. Normal measures for preventive fire protection.

Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place.

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.

