

Material Safety Data Sheet

Section 1. Product Information and Company Identification			
Product name	Sodium Sulfide Flakes		
Mol. formula	Na ₂ S.xH ₂ O	Cas no	27610-45-3
Mol. wt	78.04 g/mol	Cat no	S045
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>Eyes: Corrosive to the eyes. Symptoms of exposure may include redness, tearing, pain, burning and blurred vision. Eye exposure may cause severe and permanent eye injury (blindness).</p> <p>Skin: Severely irritating and corrosive to the skin. May cause allergic skin reactions.</p> <p>Inhalation Irritating to the respiratory system. Symptoms of exposure may include coughing, sore throat and shortness of breath. Exposure can cause pulmonary oedema. Effects may be delayed.</p> <p>Ingestion: May be fatal if swallowed. May cause burns to the mouth and throat. Symptoms of exposure may include nausea, vomiting, diarrhea and abdominal pain.</p>	
Section 3. First Aid Measures	
Skin Contact:	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek immediate medical attention.
Eye Contact:	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. COLD water may be used. Seek immediate medical attention.
Inhalation, Acute	Allow the victim to rest in a well ventilated area. If breathing is difficult, administer oxygen. If the victim is not breathing, perform artificial respiration. Seek immediate medical attention.
Ingestion:	DO NOT induce vomiting. If the victim is conscious, give a little water or milk. NEVER give an unconscious person anything to ingest. Seek immediate medical attention.



Section 4. Fire Fighting Measures

?IF YES, UNDER WHICH CONDITIONS

Not Available FLASH POINT (TCC) (C):

:FLAMMABLE LIMITS

LEL(% BY VOL.): Not Available UEL(% BY VOL): Not Available

Not Available AUTO IGNITION TEMPERATURE (C)

Use DRY chemicals, CO2, water fog or foam. Use water EXTINGUISHING MEDIA spray to cool fire

exposed containers. Wear NIOSH approved self-contained breathing apparatus (SCBA) .when either in confined areas or exposed to combustion products

:Special procedures

Contact with acids or excessive heat will generate Hazardous combustion products: poisonous, flammable

.hydrogen sulfide gas. Thermal decomposition generates sulfur dioxide

UNUSUAL FIRE AND EXPLOSION HAZARDS Dust can combine with air to form an explosive mixture

Not Available SENSITIVITY TO STATIC DISCHARGE

SENSITIVITY TO MECHANICAL IMPACT: Not Available

Section 5. Accidental Release Measures

Leak and Spill Procedure: Use appropriate tools to put the spilled material in a convenient waste disposal container.

Finish cleaning by spreading water on the contaminated surface and dispose of according to federal, provincial and municipal environmental control regulations.

Section 6. Handling and Storage

Handling Procedures and Storage Requirements

Follow routine safe handling procedures. Avoid breathing dust or vapour. Keep container tightly closed. Keep in a cool, dry and well ventilated place. Avoid dust generation. Store away from incompatible materials. Avoid all possible sources of ignition. Keep away from heat and direct sunlight. Empty containers retain product residue and can be hazardous.

Section 7. Additional Information



ABBREVIATIONS USED: N.Av. = Not Available
N.App. / N.Ap. = Not Applicable

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:SOURCES

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