


## Material Safety Data Sheet

Section 1. Product Information and Company Identification			
<b>Product name</b>	Potassium Persulphate		
<b>Mol. formula</b>	K <sub>2</sub> O <sub>8</sub> S <sub>2</sub>	<b>Cas no</b>	7727-21-1
<b>Mol. wt</b>	270,31 g/mol	<b>Cat no</b>	P055
<b>Manufacture name</b>	Pioneers for laboratory chemicals		
<b>Brand name</b>	Piochem		
<b>Address</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><b>Classification of the substance or mixture</b>  <b>Classification according to Regulation (EC) No 1272/2008</b>            Oxidizing solids (Category 3), H272            Acute toxicity, Oral (Category 4), H302            Skin irritation (Category 2), H315            Eye irritation (Category 2), H319            Respiratory sensitisation (Category 1), H334            Skin sensitisation (Category 1), H317            Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335  <b>Classification according to EU Directives 67/548/EEC or 1999/45/EC</b>            O Oxidising R 8            Xn Harmful R22            Xi Irritant R36/37/38            R42/43</p>	
<p><b>Label elements</b>  <b>Labelling according Regulation (EC) No 1272/2008</b></p>	
	
Pictogram	Oxidizing      Acute toxicity      Skin irritation
Signal word	Danger
<p>Hazard statement(s)            H272 May intensify fire; oxidiser.            H302 Harmful if swallowed.            H315 Causes skin irritation.            H317 May cause an allergic skin reaction.            H319 Causes serious eye irritation.</p>	



H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H335 May cause respiratory irritation.

**Precautionary statement(s)**

P220 Keep/Store away from clothing/ combustible materials.

P261 Avoid breathing dust.

P280 Wear protective gloves.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

Supplemental Hazard none

Statements

**Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**Section 3. First Aid Measures****Description of first aid measures****General advice**

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**

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.

**Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling

**Indication of any immediate medical attention and special treatment needed**

No data available.



## Section 4. Fire Fighting Measures

### Extinguishing media

#### Suitable extinguishing media

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

#### Special hazards arising from the substance or mixture

Sulphur oxides, Potassium oxides

Container explosion may occur under fire conditions.

#### Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

#### Further information

Use water spray to cool unopened containers.

## Section 5. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

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

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Discharge into the environment must be avoided.

### Methods and materials for containment and cleaning up

Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations. 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. Keep away from sources of ignition -

No smoking. Keep away from heat and sources of ignition.

### Conditions for safe storage, including any incompatibilities

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

Moisture sensitive.

Storage class (TRGS 510): Oxidizing hazardous materials

### Specific end use(s)

Apart from the uses mentioned in other specific uses are stipulated



## Section 7. Additional Information

### Further 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. Central Drug House (P) Ltd and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

