




## Material Safety Data Sheet

Section 1. Product Information and Company Identification			
<b>Product name</b>	Potassium Permanganate		
<b>Mol. formula</b>	KMnO <sub>4</sub>	<b>Cas no</b>	7722-64-7
<b>Mol. wt</b>	158,04 g/mol	<b>Cat no</b>	PP001
<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 2), H272            Acute toxicity, Oral (Category 4), H302            Acute aquatic toxicity (Category 1), H400 Chronic aquatic toxicity (Category 1), H410  <b>Classification according to EU Directives 67/548/EEC or 1999/45/EC</b>            N Dangerous for the environment R50/53            O Oxidising R 8            Xn Harmful R22</p>	
<p><b>Label elements</b>  <b>Labelling according Regulation (EC) No 1272/2008</b></p>	
 Oxidising	 Skin irritation
 Hazardous to the aquatic environment	
<p>Pictogram</p>	
<p>Signal word    Danger</p>	
<p><b>Hazard statement(s)</b>            H272 May intensify fire; oxidiser.            H302 Harmful if swallowed.            H410 Very toxic to aquatic life with long lasting effects.</p>	
<p><b>Precautionary statement(s)</b>            P220 Keep/Store away from clothing/ combustible materials.            P273 Avoid release to the environment.            P501 Dispose of contents/ container to an approved waste disposal plant.</p>	
<p>Supplemental Hazard    none</p>	



Statements

**Other hazards** - none

### 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

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.

##### 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

Potassium oxides, Manganese/manganese oxides

##### Advice for firefighters

Wear self contained breathing apparatus for fire fighting 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.

### Specific end use(s)

A part 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.

