


Material Safety Data Sheet

Section1. Product Information and Company Identification			
Product name	ortho-Phosphoric Acid		
Mol.formula	H3O4P	Cas no	7664-38-2
Mol.wt	98,00 g/mol	Cat no	P018
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>Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 Corrosive to metals (Category 1), H290 Skin corrosion (Category 1B), H314 Classification according to EU Directives 67/548/EEC or 1999/45/EC C Corrosive R34</p>	
<p>Label elements Labelling according Regulation (EC) No 1272/2008</p>	
<p>Pictogram</p>	
<p>Signal word</p>	<p>Danger</p>
<p>Hazard statement(s) H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage.</p>	
<p>Precautionary statement(s) P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER or doctor/ physician. Supplemental Hazard none</p>	
<p>Statements</p>	



According to European Directive 67/548/EEC as amended.

Hazard symbol(s) C Corrosive

R-phrases(s)

R34 Causes burns.

S-phrases(s)

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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

Take off contaminated clothing and shoes immediately. 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

Do NOT induce vomiting. 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

Thermal decomposition may produce toxic fumes of phosphorus oxides and/or phosphine Oxides of phosphorus

Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

Further information

no data available



Section 5. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Section 6. Handling and Storage

Precautions for safe handling

Avoid inhalation of vapour or mist.

Conditions for safe storage, including any incompatibilities

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

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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.

