

## Material Safety Data Sheet

Section 1. Product Information and Company Identification			
<b>Product name</b>	Potassium Dichromate		
<b>Mol. formula</b>	Cr <sub>2</sub> K <sub>2</sub> O <sub>7</sub>	<b>Cas no</b>	7778-50-9
<b>Mol. wt</b>	294,18 g/mol	<b>Cat no</b>	P045
<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 3), H301            Acute toxicity, Inhalation (Category 2), H330            Acute toxicity, Dermal (Category 1), H310            Skin corrosion (Category 1B), H314            Respiratory sensitisation (Category 1), H334            Skin sensitisation (Category 1), H317            Germ cell mutagenicity (Category 1B), H340            Carcinogenicity (Category 1B), H350            Reproductive toxicity (Category 1B), H360FD            Specific target organ toxicity - repeated exposure (Category 1), H372            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>            O Oxidising R 8            R45            R60, R61              T+ Very toxic R26            T Toxic R25, R48/23            C Corrosive R34            T+ Very toxic R27</p>



R42/43

N Dangerous for the R50/53

Environment

**Label elements**

**Labelling according Regulation (EC) No 1272/2008**



Pictogram

Hazard statement(s)

H272 May intensify fire; oxidiser.

H301 Toxic if swallowed.

H310 + H330 Fatal in contact with skin or if inhaled

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

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

H340 May cause genetic defects.

H350 May cause cancer.

H360FD May damage fertility. May damage the unborn child.

H372 Causes damage to organs through prolonged or repeated exposure.

H410 Very toxic to aquatic life with long lasting effects.

**Precautionary statement(s)**

P201 Obtain special instructions before use.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P284 Wear respiratory protection.

P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. Rinse mouth.

P303 + P361 + P533 IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.

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

Remove

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

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

Supplemental Hazard none

Statements

Restricted to professional users.

**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

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take

victim immediately to hospital. 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

Potassium oxides, Chromium oxides

##### 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

Wear respiratory protection. 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. Avoid exposure - obtain special instructions before use.

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.

Storage class (TRGS 510): Oxidizing hazardous materials.

## 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.

