


# Material Safety Data Sheet

Section 1. Product Information and Company Identification			
<b>Product name</b>	Cadmium sulfate octahydrate		
<b>Mol.formula</b>	3CdSO4.8H2O	<b>Cas no</b>	7790-84-3
<b>Mol.wt</b>	769.52 g/mol	<b>Cat no</b>	C003
<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	
<b>Classification of the substance or mixture</b>	
<b>Classification according to Regulation (EC) No 1272/2008</b>	
Acute toxicity, Oral (Category 3), H301	
Acute toxicity, Inhalation (Category 2), H330	
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>Label elements</b>	
<b>Labelling according Regulation (EC) No 1272/2008 Pictogram</b>	
	
Signal word	Danger
Hazard statement(s)	
H301	Toxic if swallowed.
H330	Fatal 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.  
P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  
P301 + P310 + P330  
IF SWALLOWED: Immediately call a POISON CENTER/doctor. Rinse mouth.  
P304 + P340 + P310  
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. IF exposed  
P308 + P313 or concerned: Get medical advice/ attention. Store in a well-ventilated place. Keep container tightly closed.  
P403 + P233  
Supplemental Hazard 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

Wash off with soap and plenty of water. Take victim immediately to hospital. 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**

Sulphur oxides, Cadmium/cadmium oxides .

**Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**Further information**

No data available.

**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**

Pick up and arrange disposal without creating dust. Sweep up and shovel. 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.

**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): Non-combustible, acute toxic Cat. 1 and 2 / very toxic 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.

