


# Material Safety Data Sheet

Section1. Product Information and Company Identification			
<b>Product name</b>	Chromium oxide		
<b>Mol.formula</b>	Cr2O3	<b>Cas no</b>	1308-38-9
<b>Mol.wt</b>	151.99 g/mol	<b>Cat no</b>	C039
<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>Label elements</b>  <b>Labelling according to Regulation (EC) No 1272/2008 (CLP)</b>  <b>Signal word Danger</b>  <b>Pictograms</b></p> <div style="text-align: center;">  </div> <p><b>Hazard statements</b></p> <p>H317 May cause an allergic skin reaction.  H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.</p> <p><b>Precautionary statements</b></p> <p>Precautionary statements - prevention</p> <p>P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>Precautionary statements - response</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.  P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.</p> <p>Precautionary statements - disposal</p> <p>P501 Dispose of contents/container to industrial combustion plant.</p>



**Labelling of packages where the contents do not exceed 125 ml**

Signal word: **Danger**

Symbol(s)



H317 May cause an allergic skin reaction.

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

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

**Other hazard**

There is no additional information.

**Section 3. First Aid Measures**

**Description of first aid measures**



**General notes**

Take off contaminated clothing.

**Following inhalation**

Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

**Following skin contact**

In case of skin reactions, consult a physician.

**Following eye contact**

Rinse cautiously with water for several minutes. In all cases of doubt, or when symptoms persist, seek medical advice.

**Following ingestion**

Rinse mouth. Call a doctor if you feel unwell.

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

Allergic reactions

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

none

**Section 4. Fire Fighting Measures**

**Extinguishing media**

**Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings

water spray, foam, dry extinguishing powder, carbon dioxide (CO<sub>2</sub>)

**Unsuitable extinguishing media**

water jet



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

Non-combustible.

**Advice for firefighters**

Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

**Section 5. Accidental Release Measures****Personal precautions, protective equipment and emergency procedures For non-emergency personnel**

Wearing of suitable protective equipment (including personal protective equipment) to prevent any contamination of skin, eyes and personal clothing. Do not breathe dust. Avoid contact with skin, eyes and clothes. Control of dust.

**Environmental precautions**

Keep away from drains, surface and ground water.

Methods and material for containment and cleaning up

**Advices on how to contain a spill**

Covering of drains.

**Advices on how to clean up a spill**

Take up mechanically. Control of dust.

**Other information relating to spills and releases**

Place in appropriate containers for disposal.

**Section 6. Handling and Storage****Precautions for safe handling**

Provision of sufficient ventilation.

**Advice on general occupational hygiene**

Wash hands before breaks and after work. Keep away from food, drink and animal feedingstuffs.

**Conditions for safe storage, including any incompatibilities**

Store in a dry place.

**Incompatible substances or mixtures**

Observe hints for combined storage.

Consideration of other advice

**Ventilation requirements**

Use local and general ventilation.

**Specific designs for storage rooms or vessels**

Recommended storage temperature: 15 - 25 °C.

**Specific end use(s)**

No information available.



## Section 7. Additional Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

