






Material Safety Data Sheet

Section1. Product Information and Company Identification			
Product name	Chromium Trioxide		
Mol.formula	CrO3	Cas no	1333-82-0
Mol.wt	99.99 g/mol	Cat no	C041
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	
Classification of the substance or mixture	
Classification according to Regulation (EC) No 1272/2008	
Oxidizing solids (Category 1), H271	
Acute toxicity, Oral (Category 3), H301	
Acute toxicity, Inhalation (Category 2), H330	
Acute toxicity, Dermal (Category 3), H311	
Skin corrosion (Category 1A), H314	
Respiratory sensitisation (Category 1), H334	
Skin sensitisation (Category 1), H317	
Germ cell mutagenicity (Category 1B), H340	
Carcinogenicity (Category 1A), H350	
Reproductive toxicity (Category 2), H361f	
Specific target organ toxicity - repeated exposure (Category 1), H372	
Acute aquatic toxicity (Category 1), H400	
Chronic aquatic toxicity (Category 1), H410	
Label elements Labelling according Regulation (EC) No 1272/2008	
Pictogram	    
Signal word	Danger
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

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.

Conditions for safe storage, including any incompatibilities

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

Storage class (TRGS 510): Strongly oxidizing 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.

