


Material Safety Data Sheet

Section1. Product Information and Company Identification			
Product name	Chromium Chloride Solution		
Mol.formula	CrCl3.6H2O	Cas no	null
Mol.wt	266.48 g/mol	Cat no	CC003
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	
Emergency Overview	
OSHA Hazards	
Target Organ Effect, Highly toxic by inhalation, Toxic by ingestion,Irritant	
Target Organs	
Liver, Kidney	
GHS Classification	
Acute toxicity,Oral (Category 4)	
Acute toxicity, Inhalation (Category 1)	
Skin irritation (Category 2)	
Eye irritation (Category 2A)	
Acute aquatic toxicity (Category 2)	
GHS Label elements, including precautionary statements	
Pictogram Signal	
word	Danger
Hazard statement(s)	
H302 Harmful if swallowed.	
H315 Causes skin irritation.	
H319 Causes serious eye irritation.	
H330 Fatal if inhaled.	
H401 Toxic to aquatic life.	
Precautionary statement(s)	
P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.	
P284 Wear respiratory 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

Section 3. First Aid Measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

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.

Section 4. Fire Fighting Measures

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

Hazardous combustion products

Hazardous decomposition products formed under fire conditions. - Hydrogen chloride gas, Chromium oxides

Section 5. Accidental Release Measures

Personal precautions

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. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Conditions for safe storage

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

Section 7. Additional 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. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

