

Material Safety Data Sheet

Section 1. Product Information and Company Identification			
Product name	cobalt nitrate		
Mol. formula	Co(NO ₃) ₂ .6H ₂ O	Cas no	10026-22-9
Mol. wt	291.03 g/mol	Cat no	C049
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
<p>Clear, pink liquid; no odor.</p> <p>WARNING! Strong oxidizing agent, moderately toxic by ingestion, and possible carcinogen. Target organs: Kidneys, lungs, thyroid. This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).</p>
Section 3. First Aid Measures
<p>Eyes: Immediately flush eyes with excess water for 15 minutes, lifting lower and upper eyelids occasionally.</p> <p>Skin: Immediately flush skin with excess water for 15 minutes while removing contaminated clothing.</p> <p>Ingestion: Call Poison Control immediately. Rinse mouth with cold water. Give victim 1-2 cups of water or milk to drink. Induce vomiting immediately.</p> <p>Inhalation: Remove to fresh air. If not breathing, give artificial respiration.</p>
Section 4. Fire Fighting Measures
<p>Strong Oxidizer. Noncombustible solution. When heated to decomposition, emits acrid fumes. Protective equipment and precautions for firefighters: Use foam or dry chemical to extinguish fire.</p> <p>Firefighters should wear full fire fighting turn-out gear and respiratory protection (SCBA). Cool OX container with water spray. Material is not sensitive to mechanical impact or static discharge.</p>



Section 5. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. 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. 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

Specific end use(s)

Apart from the uses mentioned in other specific uses are stipulated.

Section 7. Additional Information

The information relates only to the specific material designated and does not relate to its use in combination with other materials or its use as to any particular process. Because safety standards and regulations are subject to change and because S&C has no continuing control over the material, those handling, storing or using the material should satisfy themselves that they have current information regarding the particular way the material is handled, stored or used and that the same is done in accordance with federal, state and local law

