

## Material Safety Data Sheet

| Section 1. Product Information and Company Identification |   |               |           |
|---|---|---------------|-----------|
| <b>Product name</b>                                       | Cobalt acetate  |               |           |
| <b>Mol.formula</b>  | C4H6CoO4  | <b>Cas no</b> | 6147-53-1 |
| <b>Mol.wt</b>   | 249.08 g/mol  | <b>Cat no</b> | C047      |
| <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>Inhalation:</b><br/>Causes irritation to the respiratory tract, symptoms may include coughing, shortness of breath, and nausea. Respiratory hypersensitivity, asthma may appear. Inhalation of cobalt dust and fumes is associated with an increased incidence of lung disease.</p> <p><b>Ingestion:</b><br/>Causes abdominal pain, nausea, vomiting, flushing of the face and ears, mild hypotension, rash, and ringing in the ears. May have cumulative toxic action where elimination cannot keep pace with absorption. Large amounts depress erythrocyte production.</p> <p><b>Skin Contact:</b><br/>May cause dermatitis. Causes irritation to skin. Symptoms include redness, itching, and pain.</p> <p><b>Eye Contact:</b><br/>Causes irritation, redness, and pain.</p> <p><b>Chronic Exposure:</b><br/>Repeated oral administration may produce goiter and reduced thyroid activity. Prolonged or repeated skin exposure may cause dermatitis. Chronic exposure associated with kidney, heart and lung damage.</p> <p><b>Aggravation of Pre-existing Conditions:</b><br/>Persons with pre-existing skin disorders or eye problems, or impaired liver, kidney or respiratory function may be more susceptible to the effects of the substance.</p> |



Persons with allergies or sensitivity to cobalt may also be more susceptible to the effects of the substance.

### Section 3. First Aid Measures

**Inhalation:**

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Ingestion:**

Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

**Skin Contact:**

Wipe off excess material from skin then immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

**Eye Contact:**

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

### Section 4. Fire Fighting Measures

**Fire:** Contact with strong oxidizers may cause fire.

**Explosion:** Not considered to be an explosion hazard

**Fire Extinguishing Media:** Use any means suitable for extinguishing surrounding fire.

**Special Information:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

### Section 5. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, 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.

**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.

### Conditions for safe storage, including any incompatibilities

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

### Specific end uses

no data available.

## 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.

