

# Material Safety Data Sheet

## Section1. Product Information and Company Identification

|                         |   |               |            |
|-------------------------|---|---------------|------------|
| <b>Product name</b>     | Barium Chloride Dihydrate   |               |            |
| <b>Mol.formula</b>      | BaCl <sub>2</sub> H <sub>4</sub> O <sub>2</sub>                     | <b>Cas no</b> | 10326-27-9 |
| <b>Mol.wt</b>           | 244,26 g/mol  | <b>Cat no</b> | B003       |
| <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

### Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

Acute toxicity, Oral (Category 3), H301 Acute toxicity, Inhalation (Category 4), H332

### Label elements

#### Labelling according Regulation (EC) No 1272/2008

Pictogram



Acute toxicity

Signal word                      Danger

### Hazard statement(s)

H301                      Toxic if swallowed.

H332                      Harmful if inhaled

### Precautionary statement(s)

P261                      Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P301 + P330 + P331 + P310

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting Immediately call a POISON CENTER or doctor/ physician.



Supplemental Hazard none  
Statements

**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**

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.

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

The most important known symptoms and effects are described in the labelling

**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**

Hydrogen chloride gas, Barium oxide

**Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**Further information**

No data available.

**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.

**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.

**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.

