



## Material Safety Data Sheet

Section 1. Product Information and Company Identification			
<b>Product name</b>	Sodium Bismuthate		
<b>Mol. formula</b>	BiNaO3	<b>Cas no</b>	12232-99-4
<b>Mol. wt</b>	279,97 g/mol	<b>Cat no</b>	S015
<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>Classification of the substance or mixture</b>  <b>Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]</b>            Acute toxicity, Oral (Category 4)  <b>Classification according to EU Directives 67/548/EEC or 1999/45/EC</b>            Harmful if swallowed.</p>	
<p><b>Label elements</b>  <b>Labelling according Regulation (EC) No 1272/2008 [CLP]</b>            Pictogram</p>	
 <small>Skin Irritation</small>	
Signal word	Warning
Hazard statement(s)	H302 Harmful if swallowed.
Precautionary statement(s)	none
Supplemental Hazard	none
Statements	
<p><b>According to European Directive 67/548/EEC as amended.</b></p>	
 <small>Skin Irritation</small>	
Hazard symbol(s)	
R-phrase(s)	R22 Harmful if swallowed.
S-phrase(s)	none
<b>Other hazards</b>	none



### 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. 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

Symptoms of chronic bismuth toxicity in humans consists of decreased appetite, weakness, rheumatic

pain, diarrhea, fever, metal line on the gums, foul breathe, gingivitis, and dermatitis.

Jaundice and

conjunctival hemorrhage are rare, but have been reported. Bismuth nephropathy with proteinuria may

occur. The kidney is the site of highest concentration with the liver being considerably lower. Bismuth does pass into the amniotic fluid and into the fetus., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

##### 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

Sodium oxides, Bismuth oxides

##### Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

##### Further information

no data available



## 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. Avoid breathing dust.

### Environmental precautions

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. Normal measures for preventive fire protection.

### Conditions for safe storage, including any incompatibilities

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

### 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.

