


## Material Safety Data Sheet

Section1. Product Information and Company Identification			
<b>Product name</b>	Bromophenol Blue Indicator		
<b>Mol.formula</b>	C19H10Br4O5S	<b>Cas no</b>	115-39-9
<b>Mol.wt</b>	669.96 g/mol	<b>Cat no</b>	BR03
<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	
<b>Classification of the Substance or Mixture:</b>	
<b>Acute Toxicity: Inhalation, Category 4</b>	
<b>Acute Toxicity: Oral, Category 4</b>	
<b>Serious Eye Damage/Eye Irritation, Category 2A</b>	
<b>Label Elements:</b>	
	
<b>GHS Signal Word:</b>	<b>Warning</b>
<b>GHS Hazard Phrases:</b>	
H332: Harmful if inhaled.	
H302: Harmful if swallowed.	
H319: Causes serious eye irritation.	
<b>GHS Precaution Phrases:</b>	
P261: Avoid breathing	
{dust/fume/gas/mist/vapours/spray}.	
P264: Wash {hands} thoroughly after handling	



**P280:** Wear {protective gloves/protective clothing/eye protection/face protection}.

**GHS Response Phrases:**

**P304+340:**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**P312:** Call a {POISON CENTER/doctor/...} if you feel unwell.

**P301+312:**

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

**P330:** Rinse mouth.

**P305+351+338:**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**P337+313:**

If eye irritation persists, get medical advice/attention.

**Adverse Human Health** Causes serious eye irritation.

**Effects and Symptoms:**

Harmful if inhaled.

Harmful if swallowed.

Material may be irritating to the mucous membranes and upper respiratory tract.

May be harmful by skin absorption.

May cause skin or respiratory system irritation.

To the best of our knowledge, the toxicological properties have not been thoroughly investigated.

### Section 3. First Aid Measures

**Description of First Aid Measures:**

**In Case of Inhalation:**

Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.

**In Case of Skin Contact:**

Immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

**In Case of Eye Contact:**

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Have eyes examined and tested by medical personnel.



**In Case of Ingestion:**

Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.

**Section 4. Fire Fighting Measures**

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

**Media:** Use water spray to cool fire-exposed containers.

**Unsuitable Extinguishing** A solid water stream may be inefficient.

**Media:**

**Flammable Properties and** No data available.

**Hazards:** No data available.

**Flash Pt:** No data.

**Explosive Limits:** LEL: No data. UEL: No data.

**Autoignition Pt:** No data.

**Fire Fighting Instructions:** As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

**Section 5. Accidental Release Measures**

**Protective Precautions,**

Avoid raising and breathing dust, and provide adequate ventilation.

**Protective Equipment and**

As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator,

**Emergency Procedures:** and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).

**Environmental Precautions:**

Take steps to avoid release into the environment, if safe to do so.

**Methods and Material For** Contain spill and collect, as appropriate.

**Containment and Cleaning** Transfer to a chemical waste container for disposal in accordance with local regulations.



## Section 6. Handling and Storage

**Precautions To Be Taken** Avoid breathing dust/fume/gas/mist/vapours/spray.

**in Handling:** Avoid prolonged or repeated exposure.

**Precautions To Be Taken** Keep container tightly closed.

**in Storing:** Store in accordance with information listed on the product insert.

## Section 7. Additional Information

This information is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.

