

# Material Safety Data Sheet



**BROMOTHYMOL BLUE INDICATOR AR**

**VERSION : 03**  
**DATE OF ISSUE : 31-01-2022**  
**SUPERSEDES : 02**

**Product Code : 31380**

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## **1. Identification of the substance/mixture and of the company/undertaking**

### **1.1. Product identifier**

**Trade name** : BROMOTHYMOL BLUE INDICATOR AR  
**Product code** : 31380  
**Identification of the product** : BROMOTHYMOL BLUE INDICATOR  
**CAS No** : 76-59-5

### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use** : Industrial. For professional use only.

### **1.3. Details of the supplier of the safety data sheet**

**Company identification** : MOLYCHEM  
Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor,  
Mumbai – 400 002 (INDIA)  
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442.  
Email : [info@molychem.net](mailto:info@molychem.net)  
Works: Plot No. B/9, Badlapur M.I.D.C., OPP. Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503.

### **1.4. Emergency telephone number**

Emergency number : +91 22 4066 8111 (10:00am - 6:00 pm).

## **2. Hazards identification -DSD**

### **2.1. Classification of the substance or mixture**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008..

### **2.2. Label elements**

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

### **2.3. 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.

## **3. Composition/information on ingredients**

### **Substance**

**Synonyms** : BROMOTHYMOL BLUE INDICATOR AR  
**CAS No** : 76-59-5  
**EC-No.** : 200-971-2

No components need to be disclosed according to the applicable regulations.

## **4: First aid measures**

### **4.1. Description of first aid measures**

#### **If inhaled**

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After inhalation: fresh air.

## **In case of skin contact**

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/shower.

## **In case of eye contact**

Flush eyes with water as a precaution.

## **If swallowed**

After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

## **4.2. Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

## **4.3. Indication of any immediate medical attention and special treatment needed**

No data available

## **5. Fire-fighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Water Foam Carbon dioxide (CO<sub>2</sub>) Dry powder

#### **Unsuitable extinguishing media**

For this substance/mixture no limitations of extinguishing agents are given.

### **5.2. Special hazards arising from the substance or mixture**

Carbon oxides

Sulfur oxides

Hydrogen bromide gas

Combustible.

Development of hazardous combustion gases or vapours possible in the event of fire.

### **5.3. Advice for fire-fighters**

In the event of fire, wear self-contained breathing apparatus.

### **5.4 Further information**

Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

## **6. Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

### **6.2. Environmental precautions**

Do not let product enter drains.

### **6.3. Methods and material for containment and cleaning up**

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Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

## **6.4. Reference to other sections**

For disposal see section 13.

## **7. Handling and storage**

### **7.1. Precautions for safe handling**

For precautions see section 2.2.

### **7.2. Conditions for safe storage, including any incompatibilities**

#### **Storage conditions**

Tightly closed. Dry.

#### **Storage class**

Storage class (TRGS 510): 11: Combustible Solids

### **7.3. Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## **8. Exposure controls/personal protection**

### **8.1. Exposure controls**

**Personal protection** : Avoid all unnecessary exposure.

**Respiratory protection** : Wear approved mask.

**Hand protection** : Wear protective gloves.

**Eye protection** : Chemical goggles or safety glasses.

**Others** : When using, do not eat, drink or smoke.

### **8.2. Control parameters**

**Occupational Exposure Limits** : No data available.

## **9. Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

- |                                            |                                          |
|--------------------------------------------|------------------------------------------|
| a) Physical state                          | Solid                                    |
| b) Color                                   | violet                                   |
| c) Odor                                    | No data available                        |
| d) Melting point/freezing point            | Melting point/range: 200 - 202 °C - lit. |
| e) Initial boiling point and boiling range | No data available                        |
| f) Flammability (solid, gas)               | No data available                        |
| g) Upper/lower flammability or             | No data available                        |

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explosive limits

- |                                              |                                                                                  |
|----------------------------------------------|----------------------------------------------------------------------------------|
| h) Flash point                               | No data available                                                                |
| i) Autoignition temperature                  | No data available                                                                |
| j) Decomposition temperature                 | No data available                                                                |
| k) pH                                        | No data available                                                                |
| l) Viscosity                                 | Viscosity, kinematic: No data available<br>Viscosity, dynamic: No data available |
| m) Water solubility                          | No data available                                                                |
| n) Partition coefficient:<br>n-octanol/water | No data available                                                                |
| o) Vapor pressure                            | No data available                                                                |
| p) Density                                   | No data available                                                                |
| Relative density                             | No data available                                                                |
| q) Relative vapor density                    | No data available                                                                |
| r) Particle characteristics                  | No data available                                                                |
| s) Explosive properties                      | No data available                                                                |
| t) Oxidizing properties                      | No data available                                                                |

## 9.2 Other safety information

Bulk density ca.450 kg/m<sup>3</sup>

## 10. Stability and reactivity

### 10.1. Reactivity

The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

### 10.2. Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

### 10.3. Possibility of hazardous reactions

Violent reactions possible with:  
Strong oxidizing agents

### 10.4. Conditions to avoid

no information available

### 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

In the event of fire: see section 5

## 11. Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity

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Oral: No data available

Inhalation: No data available

Dermal: No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

No data available

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

## **12. Ecological information**

### **12.1. Toxicity**

No data available

### **12.2 Persistence and degradability**

No data available

### **12.3. Bioaccumulative potential**

No data available

### **12.4. Mobility in soil**

No data available

### **12.5. Results of PBT and vPvB assessment**

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.

### **12.6 Other adverse effects**

No data available

## **13. Disposal considerations**

### **13.1 Waste treatment methods**

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No data available

## **14. Transport information**

### **14.1. UN number**

ADR/RID: -

IMDG: -

IATA: -

### **14.2 UN proper shipping name**

ADR/RID:

Not dangerous goods

IMDG:

Not dangerous goods

IATA:

Not dangerous goods

### **14.3 Transport hazard class(es)**

ADR/RID: -

IMDG: -

IATA: -

### **14.4 Packaging group**

ADR/RID: -

IMDG: -

IATA: -

### **14.5 Environmental hazards**

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

### **14.6 Special precautions for user**

No data available

## **15. Regulatory information**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Authorisations and/or restrictions on use**

### **15.2. Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out

## **16. Other information**

### **Abbreviations and acronyms :**

PBT: persistent, bioaccumulative and toxic.

vPvB: very persistent and very bioaccumulative

**Sources of key data used :** REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

**Further information :** None.


In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation

(CE) N° 1272/2008 **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the

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**End of document**

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