

# MATERIAL SAFETY DATA SHEET (SDS/MSDS)

## BROMOCRESOL PURPLE SODIUM SALT 90% MOLECULAR BIOLOGY

CAS-No.: 62625-30-3

Product Code: 00501

Molecular Formula:  $C_{21}H_{15}Br_2NaO_5S$

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Product form : Mixture  
Trade name : Bromocresol Purple Sodium Salt 90% Molecular Biology  
CAS No : 62625-30-3  
Synonyms : 5,5"-Dibromo-o-cresolsulfonphthalein

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

**1.2.1. Relevant identified uses**

Use of the substance/mixture : Laboratory chemicals, Manufacture of substances

**1.2.2. Uses advised against**

No additional information available

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

Company : Chemnovo Synthesis Pvt Ltd.  
N-226 Near Kumbhavali Naka  
Tarapur MIDC, Boisar-401 506  
Palghar, Maharashtra  
Telephone : +91 7400096089  
Email: export@chemnovo.in

**1.4. Emergency telephone number**

Emergency number : + 91 7400096089 (9:00am - 6:00 pm)

**SECTION 2: Hazards identification**

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

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]  
Xi; R36/37/38

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

**2.2. Label elements**

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Xi - Irritant

**MATERIAL SAFETY DATA SHEET (SDS/MSDS)**  
**BROMOCRESOL PURPLE SODIUM SALT 90%**  
**MOLECULAR BIOLOGY**  
**CAS-No.: 62625-30-3**



R-phrases	:	R36/37/38 – Irritating to eyes, respiratory system and skin
S-phrases	:	S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S36/37 – Wear suitable protective clothing and gloves

**2.3. Other hazards**

No additional information available

**SECTION 3: Composition/information on ingredients**

**3.1. Substance**

Not applicable

**3.2. Mixture**

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

First-aid measures after inhalation	:	Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
First-aid measures after skin contact	:	Wash with plenty of water/.... Get medical advice/attention.
First-aid measures after eye contact	:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.
First-aid measures after ingestion	:	Rinse mouth.

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

Symptoms/effects after inhalation	:	May cause respiratory irritation.
Symptoms/effects after skin contact	:	Causes skin irritation.
Symptoms/effects after eye contact	:	Causes serious eye irritation.

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

Treat symptomatically.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

Suitable extinguishing media	:	Carbon dioxide. Dry powder. Foam. Water spray
Unsuitable extinguishing media	:	Do not use a heavy water stream.

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

No additional information available

**5.3. Advice for firefighter**

Protection during firefighting	:	Do not enter fire area without proper protective equipment, including respiratory protection.
--------------------------------	---	---

**SECTION 6: Accidental release measures**

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



**6.1.1. For non-emergency personnel**

Emergency procedures : Evacuate unnecessary personnel.

**6.1.2. For emergency responders**

Protective equipment : Use personal protective equipment as required.

**6.2. Environmental precautions**

Avoid release to the environment.

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

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers.

**6.4. Reference to other sections**

No additional information available

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

Precautions for safe handling : Avoid contact with skin and eyes. Use only outdoors or in a well-ventilated area. Do not breathe vapours.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

Storage conditions : Keep container tightly closed. Store in a well-ventilated place.

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

No additional information available

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

No additional information available

**8.2. Exposure controls**

Hand protection : Protective gloves  
Eye protection : Chemical goggles or safety glasses  
Skin and body protection : Wear suitable protective clothing  
Respiratory protection : [In case of inadequate ventilation] wear respiratory protection.

**SECTION 9: Physical and chemical properties**

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

Physical state : Solid  
Molecular mass : 562.2 g/mol  
Colour : Dark brown.  
Odour : No data available  
Odour threshold : No data available

**MATERIAL SAFETY DATA SHEET (SDS/MSDS)**  
**BROMOCRESOL PURPLE SODIUM SALT 90%**  
**MOLECULAR BIOLOGY**  
**CAS-No.: 62625-30-3**

pH	:	No data available
Relative evaporation rate (butylacetate=1)		No data available
Melting point	:	255 °C
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	No data available
Vapour pressure	:	No data available
Relative vapour density at 20 °C	:	No data available
Relative density	:	No data available
Solubility	:	Water: Soluble in water
Log Pow	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosive properties	:	No data available
Oxidising properties	:	No data available
Explosive limits	:	No data available

**9.2. Other information**

No additional information available

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No additional information available

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No additional information available

**10.4. Conditions to avoid**

Air contact. Direct sunlight. Moisture.

**10.5. Incompatible materials**

No additional information available

**10.6. Hazardous decomposition products**

No additional information available

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

Acute toxicity	:	Not classified
Irritation	:	Irritating to eyes, respiratory system and skin.
Corrosivity	:	Not classified

Sensitisation	:	Not classified
Repeated dose toxicity	:	Not classified
Carcinogenicity	:	Not classified
Mutagenicity	:	Not classified
Toxicity for reproduction	:	Not classified

#### **SECTION 12: Ecological information**

##### **12.1. Toxicity**

No additional information available

##### **12.2. Persistence and degradability**

No additional information available

##### **12.3. Bioaccumulative potential**

No additional information available

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

No additional information available

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

No additional information available

##### **12.6. Other adverse effects**

No additional information available

#### **SECTION 13: Disposal considerations**

##### **13.1. Waste treatment methods**

No additional information available

#### **SECTION 14: Transport information**

In accordance with ADR / RID / IMDG / IATA / AND

##### **14.1. UN number**

UN-No. (ADR)	:	Not applicable
UN-No. (IMDG)	:	Not applicable
UN-No.(IATA)	:	Not applicable
UN-No.(AND)	:	Not applicable
UN-No. (RID)	:	Not applicable

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

Proper Shipping Name (ADR)	:	Not applicable
Proper Shipping Name (IMDG)	:	Not applicable
Proper Shipping Name (IATA)	:	Not applicable
Proper Shipping Name (ADN)	:	Not applicable
Proper Shipping Name (RID)	:	Not applicable

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

ADR



**MATERIAL SAFETY DATA SHEET (SDS/MSDS)**  
**BROMOCRESOL PURPLE SODIUM SALT 90%**  
**MOLECULAR BIOLOGY**  
**CAS-No.: 62625-30-3**

Transport hazard class(es) (ADR) : Not applicable  
IMDG

Transport hazard class(es) (IMDG) : Not applicable  
IATA

Transport hazard class(es) (IATA) : Not applicable  
AND

Transport hazard class(es) (ADN) : Not applicable  
RID

Transport hazard class(es) (RID) : Not applicable

**14.4. Packing group**

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

**14.5. Environmental hazards**

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

**14.6. Special precautions for user**

- Overland transport

No data available

- Transport by sea

No data available

- Air transport

No data available

- Inland waterway transport

No data available

- Rail transport

No data available

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**SECTION 15: Regulatory information**

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

**15.1.1. EU-Regulations**

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

**15.1.2. National regulations**

**Germany**

12th Ordinance Implementing the Federal  
Immission Control Act - 12.BImSchV :

Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

**Denmark**

Recommendations Danish Regulation :

Young people below the age of 18 years are not allowed to use the product

**15.2. Chemical safety assessment**

No additional information available

**SECTION 16: Other information**

Full text of R-, H- and EUH-statements:

R36/37/38	Irritating to eyes, respiratory system and skin
Xi	Irritant

**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. Chemnovo Synthesis Pvt Ltd. and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See [www.chemnovo.in](http://www.chemnovo.in) for additional terms and conditions of sale.

Version:

2.0

Revision Date:

27 January 2026