Material Safety Data Sheet	MOLYCHEM
BROMOPHENOL BLUE SOLUTION	VERSION : 03 DATE OF ISSUE :31-01-2022 SUPERSEDES : 02
Product Code : 31360A	Page 1 of 7

1. Identification of the substance/mixture and of the company/undertaking 1.1. Product identifier Trade name : BROMOPHENOL BLUE SOLUTION Product code : 31360A Identification of the product : Bromophenol blue solution
Trade name: BROMOPHENOL BLUE SOLUTIONProduct code: 31360AIdentification of the product: Bromophenol blue solution
Trade name: BROMOPHENOL BLUE SOLUTIONProduct code: 31360AIdentification of the product: Bromophenol blue solution
Product code: 31360AIdentification of the product: Bromophenol blue solution
Identification of the product : Bromophenol blue solution
CAS No : 115-39-9
1.2. Relevant identified uses of the substance or mixture and uses advised against
Use : Laboratory chemicals, Manufacture of substances.
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
Works : Plot No.B/9, Badlapur M.I.D.C., OPP.Shobhavat Texti
Co.,Kulgaon, Badlapur (E), DistThane-421 503.
1.4. Emergency telephone number
Emergency number : +91 22 4066 8111 (10:00am - 6:00 pm)
2. Hazards identification -DSD
2. Mazarus Menuncation -DOD
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
Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.
2.3. Other hazards
This substance/mixture contains no components considered to be either persistent
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
bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of

Synonyms	: Bromphenol Blue Sultone Form 3',3",5',5"- Tetrabromophenolsulfonephthalein
Formula	$: C_{19}H_{10}Br_4O_5S$
Molecular weight	: 669.96 g/mol
CAS-No.	: 115-39-9
EC-No.	: 204-086-2

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No components need to be disclosed according to the applicable regulations. 4. First aid measures 4.1. Description of first aid measures If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact Wash off with soap and plenty of water. 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. 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 Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. 5.2. Special hazards arising from the substance or mixture Carbon oxides Sulfur oxides Hydrogen bromide gas **5.3. Advice for fire-fighters** Wear self-contained breathing apparatus for firefighting if necessary. **5.4 Further information** No data available 6. Accidental release measures 6.1. Personal precautions, protective equipment and emergency procedures Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8. **6.2. Environmental precautions** No special environmental precautions required. 6.3. Methods and material for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal.

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7. Handling and storage		
7.1. Precautions for safe hand	ling	
Advice on protection agai	nst fire and explosion	
Provide appropriate exhaust ventilation at places where dust is formed.		
Hygiene measures		
General industrial hygiene	practice.	
For precautions see section		
	e, including any incompatibilities	
Storage conditions		
Keep container tightly close	ed in a dry and well-ventilated place. Store in cool place.	
Storage class		
8	13: Non Combustible Solids	
7.3. Specific end use(s)		
-	ned in section 1.2 no other specific uses are stipulated	
8. Exposure controls/persona	l protection	
8.1. Exposure controls		
	: Avoid all unnecessary exposure.	
Respiratory protection		
Hand protection	: Wear protective gloves.	
Skin protection	: Wear suitable protective clothing.	
Eye protection	: Chemical goggles or safety glasses.	
Others	: When using, do not eat, drink or smoke.	
8.2. Control parameters		
Occupational Exposure Lin	nits : No data available.	
1 1		
9. Physical and chemical prop	erties	
9.1. Information on basic phys		
a) Physical state	powder	
b) Color	red	
c) Odor	phenol-like	
d) Melting	Melting point/range: 273 °C – Decomposition	
point/freezing point		
e) Initial boiling point	No data available	
and boiling range		
f) Flammability	No data available	
(solid, gas)		
g) Upper/lower	No data available	
flammability or		

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explosive limits	
h) Flash point	Not applicable
i) Autoignition	No data available
temperature	
j) Decomposition	No data available
temperature	
k) pH	No data available
l) Viscosity	Viscosity, kinematic: No data available
	Viscosity, dynamic: No data available
m) Water solubility	at 20 °C practically insoluble
n) Partition coefficient:	log Pow: ca.6.77 - Potential bioaccumulation
n-octanol/water	
o) Vapor pressure	No data available
p) Density	No data available
Relative density	No data available
q) Relative vapor	
density	
r) Particle .	No data available
characteristics	
s) Explosive properties	No data available
t) Oxidizing properties	No data available
9.2. Other information	
No data available	
<u>10. Stability and reactivity</u>	
10.1. Reactivity	
No data available	
10.2. Chemical stability	11.2
Stable under recommended storag	
10.3. Possibility of hazardous reaction No data available	18
10.4. Conditions to avoid	
Heat.	
10.5. Incompatible materials	
Strong oxidizing agents 10.6. Hazardous decomposition prod	nots
In the event of fire: see section 5	
in the event of file. see section 5	

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: Not classified
: Not classified
pH: 6.7 Serious
: Not classified
рН: 6.7
n : Not classified
: Not classified
: Not classified
: Not classified
: Not classified
: Not classified
: Not classified
: Harmful if swallowed. Harmful in contact with skin.

<u>12. Ecological information</u>

12.1. Toxicity

No data available

12.2. Persistence - 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. Endocrine disrupting properties** No data available
- **12.7 Other adverse effects** No data available

<u>13. Disposal considerations</u>

13.1. Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

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BROMOPHENOL BLUE SOLUTIO	N VERSION : 03 DATE OF ISSUE :31-01-2022 SUPERSEDES : 02	
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Contaminated packaging Dispose of as unused produ	ict.	
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	e e	
ADR/RID: -	IMDG: -	IATA: -
14.4 Packaging group		
ADR/RID: -	IMDG: -	IATA
14.5 Environmental hazards	1012 O.	11 1 1 1 1
ADR/RID: no	IMDG Marine pollutant: no	IATA: no
14.6 Special precautions for use	1	11 1 1 1 1 1 HU
Further information		
Further information Not classified as dangerous		
	in the meaning of transport regulations.	
Not classified as dangerous		
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End of document

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