

BROMOCRESOL GREEN SOLUTION

□□□□□□□□

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
SDS Reference Number: 02271
□□□□□□: 5/7/2019 □□□□□□: 12/19/2024 □□□□: 5/7/2019 □□: 1.0

□□ 1: □□□□□ □□□ □□ □□

1.1. □□□□

□□ □□ : □□□
□□ □□ : BROMOCRESOL GREEN SOLUTION
□□ □□ : 02271
□□ □□ : Solution

1.2. □□□□ □□ □□□□ □□ □□ □□ □□

□□ □□ □□ : Industrial
□□/□□□ □□ □□ : For professional use only
□□□□/□□□□ □□ : Laboratory chemicals
pH Indicator
Reagent

1.3. □□□□□□□□ □□□ □□

LOBA CHEMIE PVT.LTD.
107 Wode House Road, Jehangir Villa, Colaba
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1.4. □□□□□□

□□ □□ □□ : + 91 22 6663 6663 (9:00am - 6:00 pm)

□□ 2: □□□·□□□

2.1. □□□·□□□ □□

Regulation (EC) No.1272/2008 [CLP]□ □□ □□

□□□ □□, □□ 2 H225
□□ □□ (□□), □□ 4 H302
□□□□□□ □□ - 1□ □□, □□ 3, □□ □□ H336
□□(H) □□ □ EUH □□ □□: 16□ □□.

□□□□□, □□ □□ □ □□□□□□□
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2.2. □□□□□□□ □□□ □□□□ □□

□□ (EC) No. 1272/2008□ □□ □□ □□[CLP]

□□ □□ □□□□(CLP)



□□□ (CLP) : □□
□□ : METHANOL
□□·□□ □□ (CLP) : H225 - □□□□ □□ □ □□.
H302 - □□□ □□□.
H336 - □□ □□ □□□□ □□□ □ □□.
□□ □□ □□(CLP) : P210 - □·□□□ □□·□□□·□□·□□ □□□□□□ □□□□□□. □□.
P233 - □□□ □□□ □□□□□□.
P261 - □□·□·□□·□□□·□□·□□□□ □ □□□ □□□□□□.

BROMOCRESOL GREEN SOLUTION

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5.1. □□□ □□□

- □□□ : Carbon dioxide. Dry powder. Foam. Water spray.
- □□□ : Do not use a heavy water stream.

5.2. □□□□□□□ □□□ □□ □□□

- □□ : □□□□ □□ □ □□.
- □□ : □□□□ □□□ □ □□.
- □ □□□ □□□ □□ : Toxic fumes may be released.

5.3. □□□□□ □□ □□

- □□ : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
- □□ □ □□ : Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. □□□ □□□□□. Complete protective clothing.

□□ 6: □□□□□ □□□□

6.1. □□□ □□□□ □□ □□□ □□□□ □ □□□

- □□ : □□□□ □□□□ □□ □□□□ □□□ □□□□. □□□ □□□ □□ □□□□□ □□□ □□ □□□ □□. □□□ □□ □□□□ □□ □□□□□□.
- □□□ : Wear recommended personal protective equipment.
- □□ : Ventilate spillage area. Evacuate unnecessary personnel. □□, □□□□ □□ □□. □□. □□/□□/□□/□□ □□/□□□□□ □ □□□ □□□□.
- □□□□ : Do not attempt to take action without suitable protective equipment. □□□ □□ □□□□ □□□□□. □ □ □□□ □□□ □□ 8: "□□□□ □ □□□□□"□ □□□□□.
- □□ : Ventilate area. Evacuate unnecessary personnel. □□□□ □□□□ □□ □□□□ □□□ □□□□.

6.2. □□□ □□□□ □□ □□□ □□□□

□□□□ □□□□ □□□.

6.3. □□ □□ □□ □□

- : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
- □□ : Take up liquid spill into absorbent material. □□□□ □□□□. On land, sweep or shovel into suitable containers. □□□ □□□ □□ □□□□□ □□□ □□ □□□ □□.
- □□ □□□□ : Dispose of materials or solid residues at an authorized site.

6.4. □□ □□ □□

For further information refer to section 13.

□□ 7: □□ □ □□□□

7.1. □□□□□□

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- : □□ □ □□□ □□□ □□□□. Do not breathe vapours. □, □□□ □□, □□□, □□ □ □ □□ □□□□□□ □ □□□□□. □□. □□□ □□□□□ □□□□□□. □□□□ □□□□ □□ □□□ □□□□□. □□□ □□ □□ □□□□□. □□ □ □□□ □□□ □□□ □ □□. Use explosion-proof equipment. □□ □□□□ □□□□□□ . □□ □□ □□□ □ □□ □□□□ □□□□□□. □□/□□/□□/□□□/□□/□□□□□ □ □□□ □□□□.

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7.2. □□□□ □□□□ □□□□ □□ □□ □□

□□□□ □□ : □□□□ □□□□□□ □□□□□□.
□□ □□ : **Keep in fireproof place.** □□□□ □ □□□ □□□□□□. □□□□ □□□□□□. □□□□ □ □□ □□ □□□□□□. □□□□ □□□□□□. □□□□ □□□ □□□□□□. □□□□□□ □□ □□□□□□.
□□□□ □□ □□ : Heat sources.
□□□□ : Store always product in container of same material as original container.

7.3. □□ □□ □□

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□□ 8: □□□□ □ □□□□□

8.1. □□ □□ □□

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8.2. □□□□

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□□□□ □□ □□: Ensure good ventilation of the work station.

□□ □□ □□
□□ □□ □□: Wear recommended personal protective equipment.
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□ □ □□ □□ □□
□ □□ □□: Chemical goggles or safety glasses

Skin protection

□□ □□ □□: Wear a mask

□ □□ □□: Protective gloves

□□□□ □□ □□
□□□□ □□ □□: Wear appropriate mask

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□□ □□ □□ □□: □□□□ □□□□ □□□□.

□□ 9: □□□□□□ □□

9.1. □□□□ □□□□□□ □□□□ □□ □□

□□□□ □□ : □□
□□ : Dark green.
□□ : Clear liquid.

BROMOCRESOL GREEN SOLUTION

□□□□□□□□

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

□□ : alcohol like.
□□ □□ : □□□□
□□□□ : □□□□
□□□□ : -15 – -10 °C
□□ □□□□ □□□□ □□ : ≈ 68 °C
□□□□ : Flammable
□□□□ □□ □□ □□
□□ □□□□ : 6 vol %
□□ □□□□ : 36 vol %
□□□□ : > 39 °C
□□□□ □□ : 399 °C
□□ □□□□ : □□□□
pH : ≈ 7
□□(□□□□) : □□□□
□□□□ : □: Miscible
Partition coefficient n-octanol/water (Log Kow) : □□□□
□□□□ : □□□□
50°C□□□□ □□□□ : □□□□
□□□□ : 0.962 g/cm³ at 20 °C
□□□□ : □□□□
20°C□□□□ □□ □□ □□ : □□□□
□□ □□ : □□□□

9.2. □ □□ □□□□

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□□ 10: □□□ □ □□□

10.1. □□□

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10.2. □□□ □□□

Stable under normal conditions.

10.3. □□ □□□ □□□

No dangerous reactions known under normal conditions of use.

10.4. □□□ □ □□

Air contact. □□□□. Open flame. Overheating. □. □□□ □□□ □□□ □□□□. □□, □□□□, □□□□ □□ □□□□□□.

10.5. □□□ □ □□

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10.6. □□□ □□□□ □□□□

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

□□ 11: □□□ □□ □□

11.1. □□ (EC) No 1272/2008 □ □□□, □□□ □□□ □□ □□

□□ □□ (□□) : □□□ □□□.
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□□ □□ (□□) : □□□□ □□

BROMOCRESOL GREEN SOLUTION	
ATE CLP(□□)	466.2 mg/kg bodyweight

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

□□ □□ □□ □□ : □□□□ □□
pH: ≈ 7
□□ □ □□ □□ □□ : □□□□ □□
pH: ≈ 7
□□□ □□ □□ □□ : □□□□ □□
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□□□ : □□□□ □□
□□□□ : □□□□ □□
□□ □□□□ □□ (1□ □□) : □□ □□ □□□□ □□□ □□□.

METHANOL (67-56-1)

□□ □□□□ □□ (1□ □□)	□□□□ □□□□.
□□ □□□□ □□ (□□ □□)	: □□□□ □□
□□ □□□□	: □□□□ □□

BROMOCRESOL GREEN INDICATOR (76-60-8)

□□(□□□)	□□□□
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11.2. □□ □□ □□

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□□ 12: □□□□ □□□□ □□

12.1. □□

□□□ - □□ : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
□□ □□□□ □□□ : □□□□ □□
□□ □□□□ □□□ : □□□□ □□

12.2. □□□ □ □□□

BROMOCRESOL GREEN SOLUTION

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WATER (7732-18-5)

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METHANOL (67-56-1)

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Sodium hydroxide (1310-73-2)

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BROMOCRESOL GREEN INDICATOR (76-60-8)

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12.3. □□ □□□

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12.4. □□ □□□

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12.5. PBT □ vPvB □□ □□

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12.6. □□□ □□ □□

□□ □□

12.7. □□ □□ □□

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□□ 13: □□□ □□□□

13.1. □□□ □□□

- □□(□□□) : Disposal must be done according to official regulations.
- □□□ : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- □□ □□ □□ : Disposal must be done according to official regulations.
- /□□ □□ □□□□ : □□, □□, □□ □/□□ □□ □□□ □□ □□□□ □□ □□ □□ □□ □□□□ □□□□□□.
- □□ : Disposal must be done according to official regulations.
- □□ : □□ □□□□ □□□ □□□ □□□. Do not re-use empty containers.

□□ 14: □□□ □□□ □□

ADR / IMDG / IATA / ADN / RID □□ □□

14.1. UN □□ □□ ID □□

- UN-□□(ADR) : UN 1993
- UN-□□ (IMDG) : UN 1993
- UN-□□(IATA) : UN 1993
- UN-□□(ADN) : UN 1993
- UN-□□(RID) : UN 1993

14.2. UN □□ □□□

- □□□ (ADR) : □□□ □□, □□ □□□ □□□ □□ □
- □□□ (IMDG) : FLAMMABLE LIQUID, N.O.S.
- □□□ (IATA) : Flammable liquid, n.o.s.
- □□□ (ADN) : □□□ □□, □□ □□□ □□□ □□ □
- □□□ (RID) : □□□ □□, □□ □□□ □□□ □□ □
- □□ □□ (ADR) (ADR) : UN 1993 □□□ □□, □□ □□□ □□□ □□ □ (BROMOCRESOL GREEN SOLUTION), 3, II, (D/E)
- □□ □□ (IMDG) : UN 1993 FLAMMABLE LIQUID, N.O.S., 3, II
- □□ □□ (IATA) : UN 1993 Flammable liquid, n.o.s. (BROMOCRESOL GREEN SOLUTION), 3, II
- □□ □□ (ADN) : UN 1993 □□□ □□, □□ □□□ □□□ □□ □, 3, II
- □□ □□ (RID) : UN 1993 □□□ □□, □□ □□□ □□□ □□ □, 3, II

14.3. □□□□□ □□□ □□

ADR

- □□□ □□ (ADR) : 3
- □□ (ADR) : 3
- :



IMDG

- □□□ □□ (IMDG) : 3
- □□ (IMDG) : 3
- :



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IATA

□□□□□ □□□ □□ (IATA) : 3
 □□ □□ (IATA) : 3



ADN

□□□□□ □□□ □□ (ADN) : 3
 □□ □□ (ADN) : 3



RID

□□□□□ □□□ □□ (RID) : 3
 □□ □□ (RID) : 3



14.4. □□□□

□□ □□ (ADR) : II
 □□ □□(IMDG) : II
 □□ □□ (IATA) : II
 □□ □□(ADN) : II
 □□ □□(RID) : II

14.5. □□ □□□

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 □□□□□□ : □□□
 EmS-No. (□□) : F-E
 EmS-No. (□□) : S-E
 □□ □□□□ : □□ □□ □□ □□

14.6. □□□□ □□ □□ □□□□

□□ □□ :
 □□ □□(ADR) : F1
 □□ □□(ADR) : 274, 601, 640D
 □□□(ADR) : 11
 □□□(ADR) : E2
 □□ □□(ADR) : P001, IBC02, R001
 □□ □□ □□ □□ □□(ADR) : MP19
 □□□ □□ □ □□ □□□□ □□ (ADR) : T7
 □□□ □□ □ □□ □□□□ □□ □□ (ADR) : TP1, TP8, TP28
 □□ □□(ADR) : LGBF
 □□ □□□□ □□ : FL
 □□ □□(ADR) : 2
 □□ □□ □□ □□ - □□(ADR) : S2, S20
 □□ □□ □□(Kemler □□) : 33
 Orange plates (□□□□□□) :



□□ □□ □□ (ADR) : D/E
 EAC □□ : •3YE

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□□ □□ (IMDG) : 274
□□ □□(IMDG) : 1 L
□□□(IMDG) : E2
□□ □□ (IMDG) : P001
IBC □□ □□(IMDG) : IBC02
□□ □□ (IMDG) : T7
□□ □□ □□ (IMDG) : TP1, TP28, TP8
□□ □□ (IMDG) : B
MFAG-□□ : 129

□□ □□

PCA □□ □□(IATA) : E2
PCA □□ □□(IATA) : Y341
PCA □□ □□ □□ □□□(IATA) : 1L
PCA □□ □□(IATA) : 353
PCA □□ □□□(IATA) : 5L
CAO □□ □□(IATA) : 364
CAO □□ □□□(IATA) : 60L
□□ □□(IATA) : A3
ERG □□(IATA) : 3H

□□ □□ □□

□□ □□(ADN) : F1
□□ □□(ADN) : 274, 601, 640D
□□□(ADN) : 1 L
□□□(ADN) : E2
□□□□(ADN) : T
□□ □□(ADN) : PP, EX, A
□□(ADN) : VE01
□□ □□/□□□ □□(ADN) : 1

□□ □□

□□ □□(RID) : F1
□□ □□(RID) : 274, 601, 640D
□□ □□(RID) : 1L
□□□(RID) : E2
□□ □□ (RID) : P001, IBC02, R001
□□ □□ □□ □□ □□(RID) : MP19
□□□ □□ □□ □□□□ □□ (RID) : T7
□□□ □□ □□ □□□□ □□ □□ (RID) : TP1, TP8, TP28
RID □□□ □□ □□(RID) : LGBF
□□ □□(RID) : 2
□□ □□□ : CE7
□□□ □□ □□ (RID) : 33

14.7. □□□□□□(IMO) □□ □□ □□ □□

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□□ 15: □□ □□□□

15.1. □□, □□ □□ □□□□ □□□□ □□ □□□□ □□ □□ □□/□□

EU □□

REACH □□□ XVII(□□ □□)

EU restriction □□ (REACH Annex XVII)	
□□ □□	□□ □□
3(a)	BROMOCRESOL GREEN SOLUTION ; METHANOL

BROMOCRESOL GREEN SOLUTION

□□□□□□□□

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

EU restriction □□ (REACH Annex XVII)	
□□ □□	□□ □□
3(b)	BROMOCRESOL GREEN SOLUTION ; METHANOL
40.	METHANOL
69.	METHANOL

REACH □□□ XIV (□□ □□)

REACH □□□ XIV (□□ □□) □ □□□ □□ □□ □ □

REACH □□ □□ □□ (SVHC)

REACH □□ □□ □□ □□ □□ □ □

PIC □□ (□□□□□□)

PIC □□ (□□ □□□□ □□□□ □□ □□ EU 649/2012) □ □□□ □□ □□ □ □

POP □□ (□□□ □□ □□□□)

POP □□□□ □□ □□ □□ □ □ (□□□□ □□ □□□□ □□ □□ EC 2019/1021)

Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

□□□□ □□ (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

□□ □□□□ □□ (2019/1148)

□□□ □□□□ □□ (□□ □□□□□ □□ □ □□□ □□ □□ EU 2019/1148) □ □□□ □□ □□ □ □

□□ □□□□ □□ (273/2004)

□□ □□□□ □□ □□ □□ □□ □ □ (□□ □ □□□□ □□ □□ □□□□ □□ □□□□ □□ □□ □□ □□ □□ EC 273/2004)

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□□	□□
RG 84	

□□

VOC ordinance (ChemVOCFarbV) :

WGK : WGK 3, □□ □□ □□□ (AwSV, □□□ 1□ □□ □□).

□□ □□ □□ (12. BImSchV) : □□ □□ □□ (12. BImSchV) □ □□ □□ □□

□□ □□

SZW-lijst van kankerverwekkende stoffen : □□ □□ □□□

SZW-lijst van mutagene stoffen : □□ □□ □□□

SZW-lijst van reprotoxische stoffen – Borstvoeding : □□ □□ □□□

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : □□ □□ □□□

SZW-lijst van reprotoxische stoffen – Ontwikkeling : □□ □□ □□□

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15.2. □□ □□ □□□ □□

No chemical safety assessment has been carried out

BROMOCRESOL GREEN SOLUTION

□□□□□□□□

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

□□ 16: □ □ □ □ □ □ □ □

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ACGIH	American Conference of Government Industrial Hygienists
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	□□ □□ □
BOD	Biochemical oxygen demand (BOD)
CAS □□	□□□□ □□ □□ □□(CAS)
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
COD	□□□ □□ □□□
CSA	□□ □□ □□□ □□
DMEL	Derived Minimal Effect level
DNEL	□□ □□□ □□
EC □□	□□ □□□ □□
EC50	Median effective concentration
ED	□□□ □□□□
EN	□□ □□
EWC	European waste catalogue
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
Log Kow	Partition coefficient n-octanol/water (Log Kow)
Log Pow	Partition coefficient n-octanol/water (Log Pow)
MAK	maximum workplace concentration
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
N.O.S.	Not Otherwise Specified
OECD	Organisation for Economic Co-operation and Development
OEL	□□□ □□ □□
OSHA	Occupational Safety & Health Administration
PBT	Persistent Bioaccumulative Toxic
PNEC	□□ □□□ □□
PPE	□□ □□□

