

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED

U21009KA2023PTC179006

Registered address: FFK Towers, #445, 2nd Floor, 17th Cross Road, Sector 4, HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.

Email: info@scimplify.com

Website: www.scimplify.com



MATERIAL SAFETY DATA SHEET

BEMOTRIZINOL

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

1.1 Product identifier

Name : Bemotrizinol

CAS No. : 187393-00-6

INCI name : Bis-ethylhexyloxyphenol methoxyphenyl triazine

1.2 Relevant identified uses of the substance or mixture and uses advised against use of the substance/mixture

No further relevant information available.

Application of the substance / the mixture Reference material for laboratory use only

1.3 Details of the Supplier of the safety data sheet

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SECTION 2: Hazards Identification

Precautionary statements : Prevention:
P273 Avoid release to the environment. Disposal:
P501 dispose of contents/container to an approved waste disposal plant.

Other hazards : None known.

SECTION 3: Composition/information on ingredients

Substance / Mixture : Substance

Substance name : Bemotrizinol

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CAS No. : 187393-00-6

Components

Chemical Name	CAS No.	Concentration (% w/w)
2,4-Bis[4-(2-ethylhexyloxy)-2-hydroxyphenyl]- 6-(4-methoxyphenyl)-1,3,5-triazine	187393-00-6	<= 100

SECTION 4: First Aid Measures**4.1 Description of first aid measures General****Information**

Remove/Take off immediately all contaminated clothing.

After inhalation

Take affected person into fresh air. Consult a physician immediately.

After contact with skin

In case of contact with skin wash off immediately with soap and plenty of water. Get medical attention immediately.

After contact with eyes

Rinse immediately with plenty of water for at least 15 minutes. Seek medical treatment by eye specialist.

If swallowed

Rinse mouth with water.

If conscious, give the victim plenty of water to drink. Do not induce vomiting.

In swallowed, seek medical advice immediately and show this container or label.

4.2 Most important symptoms and effects, both acute and delayed

None known.

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

No further relevant information available.

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SECTION 5: Fire Fighting Measures

5.1 Suitable Extinguishing media

Water spray jet, Foam, carbon dioxide (CO₂), dry chemical.

Specific hazards during fire fighting

In case of fires, hazardous combustion gases are formed

Specific extinguishing

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

5.2 Advice for fire fighters

Full protective suit.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment. Ensure adequate ventilation. Avoid contact with skin and eyes.

6.2 Environmental precautions

Contain spillage. Do not discharge into the drains/surface waters/ground water. Do not discharge into the subsoil/soil.

6.3 Method and material for containment and cleaning up

Sweep up or vacuum up spillage and collect in suitable container for disposal. Clean contamination floors and objects thoroughly while observing environmental regulations. Treat recovered material as described in the section "Disposal considerations".

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

As a general rule, when handling USP materials, avoid all contact and inhalation of dust, mists, and/or vapors associated with the material. Clean equipment and work surfaces with suitable detergent or solvent after use. After removing gloves, wash hands and other exposed skin

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thoroughly. Select and use containment devices and personal protective equipment based on a risk assessment of material potency and exposure potential.

7.2 Conditions for safe storage, including any incompatibilities

Store in tight container. This material should be handled and stored per label instructions to ensure product integrity.

SECTION 8: Exposure controls/Personal protection

8.1 Components with workplace control parameters Personal protective equipment

Respiratory protection : Use respiratory protection in case of insufficient exhaust ventilation or prolonged exposure.

Hand Protection : Protective gloves

Protection : Safety goggles

Skin and body protection : Wear suitable protective clothing.

Hygiene measures : Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and at the end of workday. Use only in well-ventilated areas. Take off immediately all contaminated clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Solid
Colour	Light yellow
Odour	Trace characteristic
Changes in the physical state	
Flash point	284°C

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Evaporation rate	Not applicable
Lower explosion limits	Not applicable
Upper explosion limits	Not applicable
Vapour pressure	Not applicable
Relative vapour density	Not applicable
Bulk Density	1.17 g/cm ³
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
Water solubility	Not applicable
Solubility in other solvents	Not applicable
Partition coefficient	n-octanol / water: >5.7

SECTION 10: Stability and reactivity**10.1 Reactivity**

See section 10.3 "Possibility of hazardous reactions".

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Protect from heat/overheating. Exposure to sunlight.

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10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Formation of toxic gases is possible during heating or in case of fire.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification:**
Oral LD50 >2,000 mg/kg (rat) Dermal LD50 >2,000 mg/kg (rat)
- **Primary irritant effect:**
- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation:** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Ecotoxicity

No data available.

12.2 Persistence and degradability

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Biodegradability: Not readily biodegradable.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No data available.

12.5 Other adverse effects

Additional ecological information: The product should not be allowed to enter drains, water courses or the soil.

PBT and vPvB assessment: Unavailable as chemical safety assessment not required or not conducted.

SECTION 13: Disposal considerations

13.1 Waste treatment methods Waste

from residues

Dispose of in accordance with the local regulations.

Contaminated packaging

Corroded or contaminated packaging should be disposed of as product waste.

SECTION 14: Transport Information

Road Transport India	Not restricted
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IATA	Not restricted
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IMDG	Not restricted
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SECTION 15: Regulatory Information

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

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The factories act, 1948

The Motor Vehicles Acts, 1988

Labelling in accordance with Indian regulations: This product does not require a hazard label in accordance with Indian Regulations.

SECTION 16: Other information Further

Information

Other information : Observe nation and local legal requirements

Full text of other abbreviations

AICS – Australian inventory of chemical substances; ANTT – National Agency for Transport by Land of Brazil; ASTM – American society for the Testing of Materials; bw – Body weight, CMR – Carcinogen, Mutagen or Reproductive Toxicant; DSL – Domestic Substances list (Canada); ERG – Emergency Response Guide; ECx – Concentration associated with x% response; ELx – Loading rate associated with x% response; EmS – emergency Schedule, ENCS – Existing and New Chemical substance (Japan); ErCx – Concentration associated with x%response; ELx -GHS – Globally Harmonized System, GLP – Good Laboratory Practice; IARC – International Agency for Research on Cancer; IATA – International Air Transport Association; IBC – International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 – Half maximal inhibitory concentration; ICAO – International Civil Aviation Organization; IECSC – Inventory of Existing Chemical Substances in China; IMDG – International Maritime Dangerous Goods; IMO – International Maritime Organization; ISHL – Industrial Safety and Health Law (Japan); ISO – International Organisation for Standardization; LC50 – Lethal Concentration to 50% of a test population; LD50 – Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL – International Convention for the Prevention of Pollution from Ships; n.o.s. – Not Otherwise Specified; REACH – Regulation (EC) No. 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals; SADT – Self-Accelerating Decomposition Temperature; SDS – Safety Data Sheet; TCSI – Taiwan Chemical Substance Inventory; TDG – Transportation of Dangerous Goods; TSCA – Toxic Substance Control Act (United States); UN – United Nations; UNRTDG – United Nations recommendations on the Transport of Dangerous Goods; ; WHMIS – Workplace Hazardous Materials Information System; CAS – Chemicals Abstract Service; KECI – Korea Existing Chemicals Inventory; PICCS – Philippines Inventory of Chemicals and Chemical substances; Q(SAR) – Quantitative) Structure Activity Relationship; EN – European norm; DIN – Deutsche Industrie Norm; PBT – Persistent Bioaccumulative and Toxic; EC- Effect concentration; vPvB – Very Persistent and very Bio-accumulative

Further Information

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Other information : Observe national and local legal requirements. (NA –

Not Applicable, ND – Not Determined).