

MATERIL SAFETY DATA SHEET

Diethylhexyl Butamido Triazone

SECTION1:Identificationofthesubstance/mixtureandofthecompany/undertaking

1.1 Productidentifier

Name : Diethylhexyl Butamido Triazone /N-(4,4-diethyl-5-hexyl-1H-triazin-6-yl)butanamide

CAS No. : 154702-15-5

INCI : Iscotrizinol / Diethylamino Hydroxybenzoyl Hexyl Benzoate

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

Industry Sector : Industrial Performance Chemicals

Type of use : UV absorber
Cosmetics

1.3 Details of the Supplier of the safety data sheet

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED
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

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Hazard categories:
Chronic aquatic toxicity : Category 4

Hazard statements

H413 may cause long lasting harmful effects to aquatic life

Precautionary statements

P273 Avoid release to the environment.

Disposal:

P501 Dispose of contents/container to an approved waste disposal plant.

2.2 Other Hazards

No additional hazards are known except those derived from the labelling.

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SECTION 3: Composition/information on ingredients

Substance / Mixture : Substance

Substance name : Bis(2-ethylhexyl) 4,4'-((6-((4-(tert-butylcarbamoyl)phenyl)amino)-1,3,5-triazine-2,4-diyl)diimino)dibenzoate

Components

Chemical Name	CAS No.	Concentration (% w/w)
Iscotrizinol	154702-15-5	<= 100

SECTION 4: First Aid Measures

4.1 Description of first aid measures

General Information

Remove contaminated clothing immediately.

After inhalation

Take affected person into fresh air. Oxygen or artificial respiration, if needed. Consult a physician.

After contact with skin

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

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for atleast 15 minutes. Seek medical treatment by eye specialist.

After ingestion

Do not induce vomiting.

Never give anything by mouth to an unconscious person. Consult a physician.

Induce vomiting only upon the advice of a physician.

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.

Treat symptoms.

SECTION 5: Fire Fighting Measures

5.1 Suitable Extinguishing media

Water, Foam, carbon dioxide (CO₂), dry powder.

Unsuitable extinguishing media

Full water jet.

Specific extinguishing

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

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products : Flammable gases/vapours, Toxic gases / vapours

5.3 Advice for firefighters

Full Protective suit.

Additional information

Cool containers at risk with water spray jet.

Do not release chemically contaminated water into drains, soil or surface waters. Sufficient measures must be taken to retain water used for extinguishing

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

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. Use respiratory protection if exposed to vapours/dust/aerosols.

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

Take up with suitable equipment and if necessary collect in closed containers. Clean contamination floors and objects thoroughly with water and detergents, observing environmental regulations. Treat recovered material as described in the section "Disposal considerations". Containers in which split substance has been collected must be adequately labelled..

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Advice on safe handling

Observe the usual precautions for handling chemicals. Ensure good general ventilation in the workplace; local exhaust ventilation may be necessary, especially when emptying containers..

Avoid contact with skin, eyes and clothing.

Do not breathe dust.

Conditions for safe storage

Keep only in the original container.

Keep container tightly closed in a cool, well-ventilation place.

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Technical measures/precautions

Keep away from heat.

Keep away from direct sunlight.

7.2 Materials to avoid

Do not store or transport together with foodstuffs

Keep away from oxidizing agents.

Do not store together with metals.

Do not store with acids or alkalies.

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

Eye 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	Powder
Colour	off-White
Odour	characteristic
pH-Value	Not available

Changes in the physical state

Melting point	88 – 90°C
Flash point	Not applicable
Evaporation rate	Not applicable

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Flammability (solid, gas)	Not classified as a flammability hazard.
Lower explosion limits	Not applicable
Upper explosion limits	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	To avoid thermal decomposition, do not overheat
Oxidizing properties	Not oxidizing
Vapour Pressure	Not applicable
Relative vapour density	Not applicable
Density	no data available
Solubility in other solvents	not tested Solvent : fat
Partition coefficient	(n-octanol/water) Log Pow4.1

9.2 Other Information

No data available.

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

With Strong oxidizing agents

10.4 Conditions to avoid

Keep away from heat.

10.5 Incompatible materials

Not known.

10.6 Hazardous decomposition products

Hazardous decomposition products:

At high temperatures: thermal decomposition giving toxic products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Components:

Iscotrizinol

Acute oral toxicity : LD50/rat: >2000 mg/kg
Method: OECD Test guideline 401
GLP: yes

Acute inhalation toxicity : no data available.

Acute dermal toxicity : no data available.

Irritation and corrosivity

Skin irritation: No skin irritation

Eyes irritation: No eye irritation

Sensitising effects

Skin sensitization: Non-sensitizing.

STOT-single exposure

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Severe effects after repeated or prolonged exposure

No data available.

Carcinogenic/mutagenic/toxic effects for reproduction

Carcinogenicity: No data available

Reproductive toxicity: No reproductive toxicity is expected.

Aspiration hazard

No aspiration toxicity classification.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish – no data available

Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia magna (Water flea)): >0.002 mg/l

Method: OECD Test Guideline 202

12.2 Persistence and degradability

Biodegradable (OECD Test guideline 301B): Not readily biodegradable.

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12.3 Bioaccumulative potential

Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected.

12.4 Mobility in soil

Distribution among environmental compartments – adsorption/soil; Medium: water – soil; log K_{oc}: > 5.63 OECD test guideline 121.

12.5 Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating and toxic (PBT).

12.6 Other adverse effects

Additional ecological information: Do not allow to enter drains or water courses or the soil.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste from residues

Dispose of in accordance with the local regulations.

Contaminated packaging

Empty containers should be taken to local recyclers for disposal.

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

SECTION 14: Transport Information

S	Road Transport India	Not restricted
	IATA	Not restricted
	IMDG	Not restricted

SECTION 15: Regulatory Information

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

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.

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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 Does); 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

Other information : Observe national and local legal requirements.

(NA – Not Applicable, ND – Not Determined)