

# 山东星海生物有限公司

GREE INDUSTRY CO., LTD

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## SAFETY DATA SHEET

Version: TS-SE-015-02

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### SECTION 1: **Identification**

Name: Ethylhexyl Triazone

Company Details: Gree Industry Co.,Ltd

Add: Linhai Economic Development Zone 250100 Shandong China

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### SECTION 2: **Hazards identification**

Classification of the substance or mixture

PHYSICAL HAZARDS: Not classified

HEALTH HAZARDS: Not classified

ENVIRONMENTAL HAZARDS

Long-term aquatic hazard: Category 4

Label elements

Pictograms or hazard symbols: None

Signal word: No signal word

Hazard Statements: May cause long lasting harmful effects to aquatic life

Precautionary statement(s)

Prevention: Avoid release to the environment.

Disposal: Dispose of contents and container in accordance with local, regional, national regulations.

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

Component Ethylhexyl Triazone

Formula  $C_{48}H_{66}N_6O_6$

CAS No. 88122-99-0

EC-No. 402-070-1

Concentration  $\leq 100\%$

#### **SECTION 4: FIRST AID MEASURES**

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing, summon medical help

On skin contact: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

On contact with eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

On ingestion: Immediately rinse mouth, summon physician.

#### **SECTION 5: FIRE FIGHTING MEASURES**

Suitable extinguishing media: Dry chemical, foam, water spray, carbon dioxide.

Specific hazards arising from the chemical: Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume.

Special protective equipment: Wear self-contained breathing apparatus and protective suit.

Further information: Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so.

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

Personal precautions: Use personal protective equipment. Keep people away from and upwind of spill/leak. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.

Environmental precautions: Be careful not to let it flow into rivers, etc., since adverse effects on the environment are concerned.

Methods for cleaning up: Sweep dust to collect it into an airtight container, taking care not to disperse it. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

#### **SECTION 7: HANDLING AND STORAGE**

Handling:

Handling is performed in a well ventilated place. Wear suitable protective equipment. Prevent dispersion of dust. Wash hands and face thoroughly after handling. Use a local exhaust if dust or aerosol will be generated.

Advice on safe handling: Avoid contact with skin, eyes and clothing.

Storage: Keep tightly closed in a dry and cool place. Store away from incompatible materials such as oxidizing agents.

## **SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Engineering controls: Install a closed system or local exhaust as possible so that workers should not be exposed directly. Also install safety shower and eye bath.

Personal protective equipment

Respiratory protection: Dust respirator. Follow local and national regulations.

Hand protection: Protective gloves.

Eye protection: Safety glasses. A face-shield, if the situation requires.

Skin and body protection: Protective clothing. Protective boots, if the situation requires.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: White Crystal - Powder

Smell: light

Purity: 98% min

Melting point/melting range: 126°C

Flammability or explosive limits:

Lower: No data available

Upper: No data available

Relative density: No data available

Solubility(ies):

[Water] No data available

[Other solvents] No data available

Log Pow: 7

## **SECTION 10: STABILITY AND REACTIVITY**

Chemical stability: Stable under proper conditions.

Possibility of hazardous reactions: No special reactivity has been reported.

Incompatible materials: Oxidizing agents

Hazardous decomposition products: Carbon dioxide, Carbon monoxide, Nitrogen oxides (NO<sub>x</sub>)

## **SECTION 11: TOXICOLOGICAL INFORMATION**

Acute toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye damage/eye irritation: No data available

Germ cell mutagenicity: No data available

Carcinogenicity

IARC: No data available

NTP: No data available

Reproductive toxicity: No data available

## **SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity:

Fish: 96h LC50:>1000 mg/L (Danio rerio)

Crustacea: 48h EC50:>500 mg/L (Daphnia magna)

Algae: 72h EC50:>80 mg/L (Desmodesmus subspicatus)

Persistence / degradability: No data available

Bioaccumulative potential (BCF): No data available

Mobility in soil

Log Pow: 7

Soil adsorption (Koc): No data available

Henry's Law (PaM<sup>3</sup>/mol): No data available

## **SECTION 13: DISPOSAL CONSIDERATIONS**

Recycle to process, if possible. Consult your local regional authorities. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

## **SECTION 14: TRANSPORT INFORMATION**

UN number

ADR/RID: --      IMDG: --      IATA-DGR: --

UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA-DGR: Not dangerous goods

Transport hazard class(es)

ADR/RID: --      IMDG: --      IATA-DGR: --

Packaging group

ADR/RID: --      IMDG: --      IATA-DGR: --

Environmental hazards

ADR/RID: --      IMDG: --      IATA-DGR: --

Incompatible materials: Strong oxidizing agents

Further information: Not classified as dangerous in the meaning of transport regulations.

#### **SECTION 15: REGULATORY INFORMATION**

Regulations on the Control over Safety of Dangerous Chemicals (State Council announces on January 26, 2002 and revised on February 16,2011): Safe use and production, the storage of a dangerous chemical, transport, loading and unloading were prescribed.

#### **SECTION 16: OTHER INFORMATION**

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties.