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Material Safety Data Sheet

Caprylic/Capric Triglyceride MSDS

Last Updated: 01/05/2022

Prepared according to GB/T 16463-2008

Created: 05/02/2018

and GB/T 17519-2013

Section 1 - Chemical Product and Company Identification

Product Name(INCI): Caprylic/Capric Triglyceride

CAS#: 73398-61-5; 65381-09-1

Company Name: ZHEJIANG WUMEI BIOTECHNOLOGY CO., LTD

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Product recommendation and limitation of use:

Mainly used as diluents, Emulsifying Stabilizers, solubilizing agents and essential oils for special purposes. Also used as defoamers and preservatives in food production. The products are colorless, tasteless, transparent, clear, stable and storable. They are widely used in food, cosmetics and pharmaceutical industries

Section 2 - Hazards Identification

Emergency Overview

Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Skin May be harmful if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Section 3- Composition, Information on Ingredients

Composition	Content	CAS No.
Caprylic/Capric Triglyceride	100%	73398-61-5; 65381-09-1

Section 4- First Aid Measures

Eye Contact:

Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention.

Skin Contact: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact: Not available.

Inhalation:

Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation: Not available.

Ingestion:

Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5- Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: 240°C .

Flammable Limits: 433°C .

Products of Combustion: These products are carbon oxides (CO, CO₂).

Fire Hazards in Presence of Various Substances: Not available.

Explosion Hazards in Presence of Various Substances: Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions: SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6- Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:

Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7- Handling and Storage

Precautions:

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe gas/fumes/ vapour/spray. Avoid contact with eyes. Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label when possible.

Storage:

Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

Section 8- Exposure Controls/Personal Protection

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection: Splash goggles. Lab coat.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9- Physical and Chemical Properties

Physical state and appearance: Colorless or light yellow liquid.

Odor: Light fat odor.

Taste: Not available.

Molecular Weight: Not available.

Color: Colorless or light yellow.

pH (1% soln/water): Acid.

Boiling Point: 260~280°C.

Melting Point: -10°C.

Critical Temperature: Not available.

Specific Gravity: Not available.

Vapor Pressure: 0.133mmHg(100°C).

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Dissolved in organic solvents.

Section 10- Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Not available.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11- Toxicological Information

Routes of Entry: Eye contact. Ingestion.

Toxicity to Animals:

LD50: 4090mg/kg(Mouse through throat). LC50: Not available.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans:

Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant, permeator), of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12- Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly short term degradation are not likely hazardous. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation:The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13- Disposal Considerations

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14- Transport Information

Sea transport(IMDG)

Proper shipping name: Caprylic/Capric Triglyceride

Proper shipping name: Not regulated by DOT.

Hazard class or division: None

Identification NO:None

Packing group: Not applicable

Additional Information: None

HS Code: 2915900090

Section 15- Other Regulatory Information

Federal and State Regulations: TSCA 8(b) inventory: Stearic Acid

Other Regulations: Not available.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC): R36- Irritating to eyes.

Protective Equipment:

Not applicable. Lab coat. Not applicable. Splash goggles.

Section 16- Other Information

References: Not available.

Other Special Considerations: Not available.

Created: 05/02/2018

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