

SAFETY DATA SHEET

COCO-CAPRYLATE/CAPRATE

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Coco-Caprylate/Caprate

Company: Natural Bulk Supplies, 318 Half Day Rd, # 348,
Buffalo Grove, IL 60089 Phone: 847-489-7180

Emergency Contact: Infotrac: 800-535-5053(North America) +1-352-323-3500 (International)

2. HAZARD IDENTIFICATION

Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

Other hazards

No additional information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Chemical name : Coco-caprylate/caprate

CAS No : 95912-86-0

EC no : 306-082-7

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Coco-caprylate/caprate	(CAS No) 95912-86-0 (EC no) 306-082-7 (REACH-no) 01-2119970887-16	100	Not classified

4. FIRST AID MEASURES

Description of first aid measures

First-aid measures after inhalation :

Take victim to fresh air, in a quiet place and if necessary take medical advice.

First-aid measures after skin contact :

Rinse immediately with plenty of water (for at least 15 minutes). Soap may be used.

First-aid measures after eye contact :

Immediately flush eyes thoroughly with water for at least 15 minutes.

First-aid measures after ingestion :

Give nothing to drink. And. Do not induce vomiting without medical advice. Get immediate medical advice/attention.

Most important symptoms and effects, both acute and delayed

No additional information available

Indication of any immediate medical attention and special treatment needed

No additional information available

5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media : carbon dioxide (CO₂), dry chemical powder, foam.

Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture

Fire hazard : None known.

Hazardous decomposition products in case of fire: carbon oxides.

Advice for firefighters

Protection during firefighting : Use normal individual fire protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin and eyes.

For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

For emergency responders

Protective equipment : Concerning personal protective equipment to use, see section 8.

Environmental precautions

Avoid release to the environment.

Methods and material for containment and cleaning up

Methods for cleaning up : Recover large spills by pumping (use an explosion proof or hand pump). If recovery is impossible or if the pools are too small, absorb with : Sand/earth. or. inert absorbent material. Shovel into suitable and closed container for disposal.

Reference to other sections

Wear personal protective clothing (see chapter 8).

7. HANDLING AND STORAGE

Precautions for safe handling

Precautions for safe handling : Do not drink, eat or smoke in the workplace. Always wash hands after handling the product. Take off immediately all contaminated clothing.

Conditions for safe storage, including any incompatibilities

Storage conditions : Store at room temperature. Store in a cool, well-ventilated place. Store in original container.

Heat and ignition sources : Keep away from sources of ignition.

Specific end use(s)

No additional information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

No additional information available

Exposure controls

Appropriate engineering controls : No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety.

Hand protection : Wear suitable gloves resistant to chemical penetration (Dir. 89/686/CEE)

Eye protection : Safety glasses

Skin and body protection : Wear suitable protective clothing. or. Lab coat

Respiratory protection : No special protection required

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Oily consistency.
Colour	colourless to slightly yellow.
Odour	slight.
Melting point	$\leq 15^{\circ}\text{C}$
Boiling point	$> 300^{\circ}\text{C}$ (Lit.)
Flash point	203°C (Lit.)
Auto-ignition temperature	240 (Lit.)
Vapour pressure	$< 0,1\text{ Pa}$ (calculated value) (Lit.)
Density	0,853 - 0,863 g/cm ³ (at 20°C)
Solubility	Water: Insoluble (Lit.)
Log Pow	$> 8,72$ (calculated value) (Lit.)
Viscosity, kinematic	10,4 mm ² /s (at 25°C)
Explosive properties	Product is not explosive. (Lit.).
Oxidising properties	Non oxidizing material according to EC criteria. (Lit.).

Other information

Other properties : Not highly inflammable in contact with water, not pyrophoric (Lit.).

10. STABILITY AND REACTIVITY

Reactivity

Suitable packing materials. Plastic drum or iron drum with internal coating.

Chemical stability

Stable at ambient temperature and under normal conditions of use.

Possibility of hazardous reactions

No additional information available

Conditions to avoid

No additional information available

Incompatible materials

Strong oxidizers.

Hazardous decomposition products

Thermal decomposition generates : Carbon oxides (CO, CO₂).

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity : Not classified

Coco-caprylate/caprates (95912-86-0)

LD50 oral rat	> 5000 mg/kg bodyweight (mouse)
LD50 dermal rat	> 2000 mg/kg bodyweight (Results obtained on a similar product) (Lit.)
LC50 inhalation rat (mg/l)	> 5,7 mg/l air (Results obtained on a similar product) (Lit.)

Skin corrosion/irritation : Not irritating to skin

Serious eye damage/irritation : Not irritating to eyes. (Results obtained on a similar product). (Lit.)

Respiratory or skin sensitisation : No sensitizing effect known. (Results obtained on a similar product). (Lit.)

Germ cell mutagenicity : Not mutagenic (AMES Test). (Lit.)

Carcinogenicity : Not classified

Reproductive toxicity : NOAEL development \geq 1 000 mg/kg bw (rat) (results obtained on a similar product) (Lit.)

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Coco-caprylate/caprates (95912-86-0)

NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight/day (Results obtained on a similar product) (Lit.)
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Aspiration hazard : Not classified

Coco-caprylate/caprato (95912-86-0)

Viscosity, kinematic	10,4 mm ² /s (at 25°C)
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12. ECOLOGICAL INFORMATION

Toxicity

Coco-caprylate/caprato (95912-86-0)

LC50 fish 1	> 100 mg/l (96h) (Danio rerio) (Lit.)
ErC50 (algae)	> 100 mg/l (72h) (Desmodesmus subspicatus) (Lit.)

Persistence and degradability

Coco-caprylate/caprato (95912-86-0)

Persistence and degradability	Readily biodegradable. (Lit.)
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Bioaccumulative potential

Coco-caprylate/caprato (95912-86-0)

Log Pow	> 8,72 (calculated value) (Lit.)
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Mobility in soil

No additional information available

Results of PBT and vPvB assessment

No additional information available

Other adverse effects

No additional information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Regional legislation (waste) :

External treatment and disposal of waste should comply with applicable local and/or national regulations.

Waste disposal recommendations :

Dispose of waste cans and containers according to local regulations.

14. TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
UN number				
Not regulated for transport				
UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Environmental hazards				
Dangerous for the environment :No	Dangerous for the environment :No Marine pollutant:No	Dangerous for the environment :No	Dangerous for the environment :No	Dangerous for the environment :No
No supplementary information available				

Special precautions for user

- Overland transport

No data available

- Transport by sea

No data available

- Air transport

No data available

- Inland waterway transport

Carriage prohibited (ADN) : No

Not subject to ADN : No

- Rail transport

Carriage prohibited (RID) : No

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

15. REGULATORY INFORMATION

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

EU-Regulations

No REACH Annex XVII restrictions

National regulations

No additional information available

16. OTHER INFORMATION

All statements, technical information and recommendations contained herein are based on tests and data which Natural Bulk Supplies believes to be currently reliable, but this accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto. This information is not intended as a license to operate under or a recommendation to practice or infringe any patent of this company or others covering any process, composition of matter or use. Since we shall have no control of the use of the product described here in, we assume no Liability for loss or damage incurred from the proper or improper use of such product.