



SAFETY DATA SHEET

Regulation: In accordance with Regulation (EU) 453/2010 (REACH), Annex II

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Name of product: Ocean Lace-RSO

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

Relevant identified uses: Cosmetics

1.3 Details of the supplier of the safety data sheet

Supplier:

The Soap Kitchen

Unit 8 Caddsdow Industrial Park, Clovelly Road, Bideford,

Devon EX39 3DX

Tel: 01237 420872 (+44 (0)1237 420872)

Email: it@thesoapkitchen.co.uk

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

is not classified according to Regulation (EC) No 1272/2008 [CLP] and Directive 67/548/EEC.

2.2 Label elements

Hazard pictograms: Not applicable

Signal word: Not applicable

Hazard statement: Not applicable

Additional precautionary statements: Not applicable

2.3 Other hazards

Other hazards: Non-hazardous

PBT: This product is not identified as a PBT/vPvB substance.

SECTION 3 : INFORMATION ON INGREDIENTS

Ingredient	CAS Number	EC Number	Classification according to Regulation No. 67/548/EEC	Classification according to Regulation No. 1272/2008 [CLP]
Caprylic/Capric Triglyceride	73398-61-5	277-452-2 (I)	Not classified	Not classified
Brassica Napus Seed Oil	89958-03-2	289-624-4 (I)	Not classified	Not classified
<i>Himantalia elongata</i> Aerial Parts	-	-	Not classified	Not classified
DL- α -Tocopherol	10191-41-0	233-466-0 (I)	Not classified	Not classified

SECTION 4: FIRST-AID MEASURES

4.1 Description of first aid measures

After eye contact:

- Rinse immediately with plenty of water.
- Remove any contact lenses and open eyelids wide apart.
- Continue to rinse for at least 15 minutes.
- Get medical attention if any discomfort continues

After skin contact:

- Wash immediately with plenty of soap and water.
- If necessary, consult a doctor.

After inhalation:

- Remove from exposure site to fresh air, keep at rest, get medical attention.

After ingestion:

- Do not induce vomiting.
- Rinse mouth.
- May result in aspiration to the lungs, causing chemical pneumonia.
- Immediately consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

Inhalation: No data available.

Delayed / immediate effects: No data available.

4.3 Indication of immediate medical attention and special treatment needed

- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.
- Obtain medical attention if ill effects occur Treat Symptomatically.
- Remove contaminated clothing.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

- **Suitable extinguishing media:** Dry powder, alcohol-resistant foam, regular foam, CO₂
- **Unsuitable extinguishing media:** Water streams

5.2 Special hazards arising from the substance or mixture

- May be ignited by heat, sparks or flames.
- Containers may explode when heated.
- Some of these materials may burn, but none ignite readily.
- Heating or fire may produce irritating and/or toxic gases.
- If inhaled, may be harmful.

5.3 Advice for firefighters

- In event of fire, wear self-contained breathing apparatus.
- Wear personal protective equipment
- Collect contaminated fire extinguisher water for later disposal, this must not be disposed into drains, do not scatter the material.
- Move containers from fire area if you can do it without risk.
- Fire involving Tanks; Cool containers with flooding quantities of water until well after fire is out.
- Fire involving Tanks; Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- Fire involving Tanks; Always stay away from tanks engulfed in fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

- Mark out the contaminated area with signs and prevent access to unauthorised personnel.
- Use personal protective equipment and avoid contact with skin, eyes and clothing.
- Eliminate all ignition sources.
- Stop leak if you can do it without risk.
- Ensure adequate ventilation.
- Please note that materials and conditions to avoid.
- Do not touch or walk through spilled material.
- Prevent dust cloud.

6.2 Environmental precautions

- Prevent entry into waterways, sewers, basements or confined areas.
- Use appropriate container to avoid environmental contamination.
- Avoid subsoil penetration.

6.3 Methods and material for containment and cleaning up

- Small Spill; Flush area with flooding quantities of water and take up with sand or other non-combustible absorbent material and place into containers for later disposal.
- Large Spill; Dike far ahead of liquid spill for later disposal.
- With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.

6.4 Reference to other sections

- Refer to section 8 of SDS. Refer to section 13 of SDS.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

- Wear suitable protective clothing and eye/face.
- Avoid contact with the skin, eyes and clothing.
- Ensure thorough ventilation of stores and work areas.
- Do not eat, drink or smoke whilst handling.
- Apply good manufacturing practice and industrial hygiene practices.
- Avoid all sources of ignition: heat, sparks, open flame.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions:

- Store in tightly closed original container in a cool, dry and well-ventilated place away from strong odours and light.
- Avoid exposure to heat keep away from sources of ignition.
- Protect from the effects of light.
- Store between 1~30 deg C

Suitable packaging:

Not applicable.

7.3 Specific end use(s)

PC39: Cosmetics, personal care products.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure limits

Name	Korea regulation	ACGIH regulation	Biological exposure index	OSHA regulation	NIOSH regulation	EU regulation
Caprylic/Capric Triglycerides	Not available	Not available	Not available	Not available	Not available	No data
Brassica Napus Seed Oil	Not available	Not available	Not available	Not available	Not available	No data
DL- α -Tocopherol	Not available	Not available	Not available	Not available	Not available	No data
<i>Himantalia elongata</i> Aerial Parts	Not available	Not available	Not available	Not available	Not available	No data

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

Provide local exhaust ventilation system or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

8.2.2 Individual protection measures, such as personal protective equipment:

Respiratory protection:

- No specific recommendations.
- Respiratory protection may be required if excessive airborne contamination occurs.

Eye protection:

- Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.
- The following protection should be worn: Chemical splash goggles or face shield.
- An eye wash unit and safety shower station should be available nearby work place.

Hand protection:

- Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) and other.
- Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy.
- Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.
- Manufacturer's directions for use should be observed because of great diversity of types.

Skin protection:

- Wear appropriate clothing to prevent any possibility of skin contact.
- Wear apron or protective clothing in case of contact.

8.2.3 Environmental exposure controls

No special requirement.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

Description: Liquid

Colour: Yellow

Odour: Typical

Odour threshold: No data

Acid value: 0.16

Melting point/freezing point: No data

Initial boiling point and boiling range: No data

Flash point: > 199°C

Evaporation rate: No data

Flammability (solid, gas): No data

Upper/lower flammability or explosive limits: No data

Vapor pressure: No data

Solubility (ies): No data

Vapor density: No data

Relative density: No data

Partition coefficient: n-octanol/water: No data

Auto ignition temperature: No data

Decomposition temperature: No data

Viscosity: No data

Explosive properties: No data

Oxidizing properties: No data

Molecular weight: No data

9.2 Other information

Not applicable

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Reacts with oxidising compounds and reducing agents.

10.2 Chemical stability

Stable under the recommended handling and storage conditions in section 7.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose Not expected under normal conditions of use

10.4 Conditions to avoid

Avoid sparks, heat and flame No smoking.

10.5 Incompatible materials

Strong oxidising agents. Strong acids. Strong Alkalis.

10.6 Hazardous decomposition products

In combustion emits toxic fumes of carbon dioxide. In combustion emits toxic fumes of carbon monoxide. Decomposition causes temperature rise: release of toxic / corrosive / combustible / gases / vapours - acrolein.

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

(a) Acute toxicity;	
Oral	- Caprylic/Capric Triglycerides = No hazard - Brassica Napus Seed Oil = No hazard - DL- α -Tocopherol: Rat LD ₅₀ > 9 000 mg/kg (Calculated data – nontoxic after single ingestion)
Dermal	- Caprylic/Capric Triglycerides = No hazard - Brassica Napus Seed Oil = No hazard - DL- α -Tocopherol: Rat LD ₅₀ > 3 000 mg/kg (Calculated data – nontoxic after single skin contact)
Inhalation	- Caprylic/Capric Triglycerides = No hazard - Brassica Napus Seed Oil = No hazard - DL- α -Tocopherol: No data
(b) Skin Corrosion/ Irritation;	- Caprylic/Capric Triglycerides = No hazard - Brassica Napus Seed Oil = No hazard - DL- α -Tocopherol = No hazard
(c) Serious Eye Damage/ Irritation;	- Caprylic/Capric Triglycerides = No hazard - Brassica Napus Seed Oil = No hazard - DL- α -Tocopherol = No hazard
(d) Respiratory sensitization;	- Caprylic/Capric Triglycerides = No hazard - Brassica Napus Seed Oil = No hazard - DL- α -Tocopherol = No data
(e) Skin Sensitization;	- Caprylic/Capric Triglycerides = No hazard - Brassica Napus Seed Oil = No hazard - DL- α -Tocopherol = Caused skin sensitization in animal studies

(f) Carcinogenicity;	- Caprylic/Capric Triglycerides = No hazard - Brassica Napus Seed Oil = No hazard - DL- α -Tocopherol = No data on used product, studies with same substance suggest no cancerogenic properties
(g) Mutagenicity;	- Caprylic/Capric Triglycerides = No hazard - Brassica Napus Seed Oil = No hazard - DL- α -Tocopherol = most studies prove no mutagenic effect
(h) Reproductive toxicity;	- Caprylic/Capric Triglycerides = No hazard - Brassica Napus Seed Oil = No hazard - DL- α -Tocopherol = No data
(i) Specific target organ toxicity (single exposure);	- Caprylic/Capric Triglycerides = No hazard - Brassica Napus Seed Oil = No hazard - DL- α -Tocopherol = Criteria not met (based on available data)
(j) Specific target organ toxicity (repeat exposure);	- Caprylic/Capric Triglycerides = No hazard - Brassica Napus Seed Oil = No hazard - DL- α -Tocopherol = No hazard
(k) Aspiration Hazard;	- Caprylic/Capric Triglycerides = No hazard - Brassica Napus Seed Oil = No hazard - DL- α -Tocopherol = No hazard

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	
Acute toxicity	
Fish:	- Caprylic/Capric Triglycerides = No hazard - Brassica Napus Seed Oil = No hazard - DL- α -Tocopherol = LC50(96h) >10 000 mg/L, (Leuciscus idus)
Invertebrates:	- Caprylic/Capric Triglycerides = No hazard - Brassica Napus Seed Oil = No hazard - DL- α -Tocopherol = EC50 (48h) >500g/L (Daphnia magna)
Bacteria:	- Caprylic/Capric Triglycerides = No hazard - Brassica Napus Seed Oil = No hazard - DL- α -Tocopherol = EC10 (30min) >10 000 mg/L, (Pseudomonas putida, effect on activated sludge)
Chronic toxicity	- Caprylic/Capric Triglycerides: No data - Brassica Napus Seed Oil: Not toxic - DL- α -Tocopherol: no observed effect on concentration of 100 mg/L (28 days)
12.2 Persistence and Degradability	- Caprylic/Capric Triglycerides: >90% Biodegradable - Brassica Napus Seed Oil: Readily Biodegradable - DL- α -Tocopherol: Not readily biodegradable (virtually insoluble in water, and can thus be separated from water)
12.3 Bio accumulative potential	
Bioaccumulation and Biodegradation	- Caprylic/Capric Triglycerides: >3 (23deg C) - Brassica Napus Seed Oil: No data - DL- α -Tocopherol: bioaccumulation not expected
12.4 Mobility in soil	- Caprylic/Capric Triglycerides: No data - Brassica Napus Seed Oil: no data - DL- α -Tocopherol: No data
12.5 Results of PBT and vPvB assessment	- Caprylic/Capric Triglycerides: Not identified as PBT/vPvB - Brassica Napus Seed Oil: Not classified - DL- α -Tocopherol: Not classified

12.6 Other adverse effects Not available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste from residues

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

Container

Consider the required attentions in accordance with waste treatment management regulation.

SECTION 14: TRANSPORT INFORMATION

14.1 UN Number: Not applicable

14.2 UN Proper shipping name: Not applicable

14.3 Transport Hazard class: Not applicable

14.4 Packing group: Not applicable

14.5 Environmental hazards: Not applicable

14.6 Special precautions for user

in case of fire: Not applicable

in case of leakage: Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not Available

SECTION 15: REGULATORY INFORMATION

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

EU Regulatory Information

EU classification:

Annex I of Directive 67/548/EEC:

Classification: Not regulated

Risk phrases: Not regulated

Safety phrases: Not regulated

EU CLP 2008:

Classification: Not regulated

Hazard statement codes: Not regulated

Precautionary statement codes: Not regulated

EU SVHC list: Not regulated

EU Authorisation List: Not regulated

EU Restriction list: Not regulated

Foreign Regulatory Information

External information:

U.S.A management information (OSHA Regulation): Not regulated

U.S.A management information (CERCLA Regulation): Not regulated

U.S.A management information (EPCRA 302 Regulation): Not regulated

U.S.A management information (EPCRA 304 Regulation): Not regulated

U.S.A management information (EPCRA 313 Regulation): Not regulated

Korea management information:

Caprylic/Capric Triglycerides: Existing Chemical Substance - KE-17905

Brassica Napus Seed Oil: Not classified

DL- α -Tocopherol: Existing Chemical Substance - 98-3-1010

Substance of Rotterdam Protocol: Not regulated

Substance of Stockholmer Protocol: Not regulated

Substance of Montreal Protocol: Not regulated

15.2 Chemical safety assessment: In accordance with REACH Article 14, a Chemical Safety Assessment has been carried out for this substance.

SECTION 16: OTHER INFORMATION

Product safety data sheet for prepared in accordance with Regulation (EU) 453/2010 (REACH), Annex II

16.1 Indication of changes

Date Updated: 25.03.2019

Version: 1.1

16.2 Abbreviations and acronyms

ACGIH = American Conference of Government Industrial Hygienists

CLP = Classification Labelling Packaging Regulation ; Regulation (EC) No 1272/2008

CAS No. = Chemical Abstracts Service number

DMEL = Derived Minimal Effect Levels

DNEL = Derived No Effect Level

EC Number = EINECS and ELINCS Number (see also EINECS and ELINCS)

EU = European Union

IARC = International Agency for Research on Cancer

ISHL = Industrial Safety & Health Law

NIOSH = National Institute for Occupational Safety & Health

NTP = National Toxicology Program

OSHA = European Agency for Safety and Health at work

PBT = Persistent, Bio accumulative and Toxic substance

PNEC(s) = Predicted No Effect Concentration(s)

REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 453/2010

STP = Sewage Treatment Plant

SVHC = Substances of Very High Concern

vPvB = Very Persistent and Very Bio accumulative

UN = United Nations

MARPOL = International Convention for the Prevention of Pollution from Ships (IMO)

IBC = Intermediate Bulk Container

CERCLA = Comprehensive Environmental Response, Compensation & Liability Act (US)

EPCRA = Emergency Planning and Community Right-to-Know Act (US)

EINECS = European Inventory of Existing Commercial chemical Substances

ELINCS = European List of Notified Chemical Substances

16.3 Key literature reference and sources for data:

U.S. National library of Medicine (NLM) ChemIDplus; <http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?CHEM>

16.4 Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008(CLP):

Classification according to Regulation (EC) 1272/2008

Classification procedure

16.5 Relevant R-phrases and/or H-statements (number and full text):

Not available

16.6 Training advice:

- Do not handle until all safety precautions have been read and understood.

16.7 Further information:

This safety data sheet (SDS) is based on the legal provisions of the REACH Regulation, as amended. Its contents are intended as a guide to the appropriate precautionary handling of the material. It is the responsibility of recipients of this SDS to ensure that the information contained therein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. Information and instructions provided in this SDS are based on the current state of scientific and technical knowledge at the date of issue indicated. It should not be construed as any guarantee of technical performance, suitability for particular applications, and does not establish a legally valid contractual relationship. This version of the SDS supersedes all previous versions.