

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

- Product Name: Fractionated Coconut Oil TSK-OIL039
- Chemical Name: Caprylic/Capric Triglyceride 7 3398-61-5
- CAS Number: 277-452-2
- EC Number:
- REACH Registration Number: 01-2119492306-35-xxxx
- Synonyms: Glycerides, mixed decanoyl and octanoyl

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

- Use of the substance/mixture: Basic raw material for the chemical industry, Cosmetic raw material., Manufacturing of food

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Supplies for Candles & The Soap Kitchen Ltd
- Address of Supplier: Unit E Swinton Bridge Industrial Estate,
White Lea Road, Swinton
South Yorkshire
S64 8BH, UK
- Telephone: TEL: 01709 257151
- Email: Office Hours: Mon to Fri 08.00 to 16.00
customerservice@suppliesforcandles.co.uk

1.4 Emergency telephone

Emergency Telephone: +TEL: 01709 257151

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

- CLP:
- Classification according to EC Regulation Criteria 1272/2008 (CLP)
The substance is not classified according to the CLP regulation

2.2 Label elements

- Signal Word: None

2.2.1 Hazard statements

None assigned

2.2.2 Precautionary statements

None assigned

2.3 Other hazards

SECTION 2: Hazards identification (....)

- Results of PBT and vPvB assessment: PBT: Substance characteristics do not meet screening criteria. vPvB: Substance characteristics do not meet screening criteria
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SECTION 3: Composition/information on ingredients

3.1 Substances

3.1.1 Glycerides, mixed decanoyl and octanoyl

CAS Number: 73398-61-5

EC Number: 277-452-2

INCI Name: Caprylic/Capric Triglyceride

3.2 Mixtures

SECTION 4: First aid measures

4.1 Description of first aid measures

4.1.1 Contact with eyes

Rinse opened eye for several minutes under running water.

If symptoms persist, consult a doctor

4.1.2 Contact with skin

Wash area with soap and water.

If skin irritation continues, consult a doctor

4.1.3 Ingestion

After swallowing: Drink plenty of water, but never give anything to an unconscious person., Induce vomiting only if affected person is fully conscious, If symptoms persist, consult a doctor

4.1.4 Inhalation

Supply fresh air; consult a doctor in case of pain

- General Information

If symptoms persist or in case of doubt, seek medical advice

Never give anything by mouth to an unconscious person

4.2 Most important symptoms and effects, both acute and delayed

- No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

- Symptomatic treatment

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media: CO₂, Powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Unsuitable extinguishing media: High volume water jet

5.2 Special hazards arising from the substance or mixture

- In case of fire, the following can be released: Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

- Protective equipment: Wear self-contained respiratory protective devices, Wear a fully protective suit
- Additional information: Dispose of fire debris and contaminated fire fighting water in accordance with official regulations., Collect contaminated fire extinguishing water separately, It must not enter the sewage system

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing.
- Use respiratory protective device against the effects of fumes/dust/aerosol.

6.2 Environmental precautions

- Do not allow product to reach sewage system or any water courses.

6.3 Methods and material for containment and cleaning up

- Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust)
- Clean the affected area carefully; suitable cleaners are: Warm water and cleansing agent
- Make sure to recycle or dispose of in suitable receptacles.

6.4 Reference to other sections

- See Section 13 for disposal information
- See Section 8 for information on personal protection equipment
- See Section 7 for information on safe handling

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Ensure good exhaust ventilation at the workplace
- Keep away from heat and direct sunlight

7.2 Conditions for safe storage, including any incompatibilities

- Requirements to be met by storerooms and receptacles: Store at ambient temperature
- Information about storage in a common storage facility: Store away from oxidising agents

SECTION 7: Handling and storage (....)

- Further information about storage conditions: Keep recetacle tightly sealed
- Storage class: 10 Combustible liquids

7.3 Specific end use(s)

- See Section 1.2
- No further relevant information available.
- See Section 1

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 DNEL/DMEL

DNEL (dermal) Worker Long term (chronic) systemic 25.21mg/kg/day
DNEL (Inhalation): Worker 177.79 mg/m³ (Long-term-systemic effects)
DNEL (oral) Consumer Long term (chronic) systemic 12.61 mg/ kg/day
DNEL (dermal) Consumer Long term (chronic) systemic 12.61 mg/kg/day
DNEL (Inhalation): Consumer 43.84 mg/m³ (Long-term-systemic effects)

8.1.2 PNEC

8.2 Exposure controls



Gloves



Goggles



Respirator

- General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals, Wash hands before breaks and at the end of work., Do not inhale gases/fumes/aerosols
- Hand Protection: Upon longer contact: Chemical resistant gloves (EN 374)
- Material of Gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturerr
- Penetration time of glove material: The exact penetration time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protecion: Safety glasses with side-shields (frame goggles) (e.g. EN 166)
- Body Protection: Protective work clothing
- Respiratory Protection: If work place exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of dust formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified

8.3 Environmental exposure controls

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid
- Colour: Colourless to slightly yellowish

SECTION 9: Physical and chemical properties (....)

- Odour: Odourless
- pH: Not applicable
- Melting point/Range: < - 5°C
- Boiling Point/Range: > 300°C
- Solubility in water: < 1 mg/l
- Flammability (solid, gaseous) Not applicable
- Self ignition temperature: Not determined
- Danger of explosion Product does not present an explosion hazard
- Explosion Limits (Upper/Lower): Not applicable
- Oxidising Properties: None
- Vapour pressure at 20°C: $5.4 \cdot 10^{-9}$ Pa
- Density: At 20°C 945 - 949 g/cm³
- Vapour Density: Not determined
- Evaporation Rate: Not determined
- Dissociation constant pKa: Not applicable
- Solubility in / Miscibility with water: < 1 mg/l
- Partition Coefficient (n-Octanol/Water): No information available
- Viscosity, Dynamic: No information available

9.2 Other information

- No further relevant information available.
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SECTION 10: Stability and reactivity

10.1 Reactivity

- No further relevant information available

10.2 Chemical stability

- Thermal decomposition/conditions to be avoided: No decomposition if used and stored according to specifications

10.3 Possibility of hazardous reactions

- No dangerous reactions are known

10.4 Conditions to avoid

- No further relevant information available.

10.5 Incompatible materials

- Alkalies and oxidizing agents

10.6 Hazardous decomposition products

- No hazardous decomposition products if instructions for storage and handling are followed.
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SECTION 11: Toxicological information

SECTION 11: Toxicological information (....)

11.1 Information on toxicological effects

- Acute Toxicity

Based on available data, the classification criteria are not met.

73398-61-5 Glycerides, mixed decanoyl and octanoyl

Acute Toxicity: LD50 (oral, rat) OECD 401 > 5000 mg/kg bw

Acute dermal toxicity: LD50 rabbit: > 2000 mg/kg/bw

Acute Toxicity: Inhalational LC50 rat: >1.86 mg/l (4h) Dust/mist OECD 403

11.2 Serious eye damage/irritation

- Irritation to eyes (rabbit) : Negative
EPA OPP 81-4

11.3 Skin corrosion/irritation

- Irritation to skin (rabbit) : Negative
EPA OPP 81-5

11.4 Ingestion

- No data available

11.5 Inhalation

- No data available

11.6 Carcinogenicity

- Based on available data, the classification criteria are not met.
- No data available

11.7 Germ cell mutagenicity

- Based on available data, the classification criteria are not met.
- No data available

11.8 Teratogenicity

- Based on available data, the classification criteria are not met.
- No data available

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)

LC50 >= 53 mg/l - 96h

Species Danio rerio

Method EU C.1

The tested concentration is above the limit of solubility. Based on available data, the classification criteria are not met

Toxicity to fish (chronic)

No data available

Toxicity to Daphnia (acute)

SECTION 12: Ecological information (....)

EC50 $\geq$ 100 mg/l - 48h

Species *Daphnia magna*

Method EU C.2

The tested concentration is above the limit of solubility. Based on available data, the classification criteria are not met

Toxicity to *Daphnia* (chronic)

NOEC $\geq$ 0.01 mg/l - 21 days

Species *Daphnia magna*

Method OECD 211

The tested concentration is above the limit of solubility. Based on available data, the classification criteria are not met

Toxicity to algae (acute)

EC50 $>$ 0.449 mg/l - 72h

Species *Desmodesmus subspicatus*

The tested concentration is above the limit of solubility. Based on available data, the classification criteria are not met

Toxicity to algae (chronic) - No data available

Bacteria toxicity - No data available

12.2 Persistence and degradability

- Readily biodegradable

Value 93%

Duration 28 day(s)

OECD 301 B

12.3 Bioaccumulative potential

- Not data available

12.4 Mobility in soil

- No further relevant information available.

12.5 Results of PBT and vPvB assessment

- Substance characteristics do not meet screening criteria.

12.6 Other adverse effects

- No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Avoid release to the environment. Refer to special instructions/Safety data sheets
- Disposal should be in accordance with local, state or national legislation
- Must be recycled or disposed of according to regulations. Waste has to be classified according to the European Waste Catalogue based on the identification of the waste generating source.
- Disposal according to instructions of local authorities.
- Uncleaned packaging: Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

SECTION 14: Transport information (....)

14.1 UN number or ID number

- UN No.: Not classified as hazardous for transport

14.2 UN proper shipping name

- Proper Shipping Name: Not classified as hazardous for transport

14.3 Transport hazard class(es)

- Hazard Class: Not classified as hazardous for transport

14.4 Packing group

- Packing Group: Not classified as hazardous for transport

14.5 Environmental hazards

- Not applicable

14.6 Special precautions for user

- Not applicable

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

SECTION 15: Regulatory information

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

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

In accordance with the Reach regulation (EC) 1907/2006, the product does not contain any substances that are considered as subject to listing in annex XIV, inventory of substances requiring authorisation.

REACH candidate list of substances of very high concern (SVHC) for authorisation

In accordance with article 57 and 59 of the Reach regulation (EC) 1907/2006, this substance is not considered as subject to listing in annex XIV, inventory of substances requiring authorisation (Authorization list)

Regulation (EC) No 1907/2006 (REACH) Annex XVII: Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles.

The substance is not subject to the provisions of annex XVII (restriction entries) of the Reach regulation (EC) 1907/2006

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

The substance is not subject to part 1 or 2 of Annex I

15.2 Chemical safety assessment

- A chemical safety assessment has been carried out.

SECTION 16: Other information

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

--- end of safety datasheet ---
