Safety Data Sheet according to Reg. (EC) 1907/2006

Product name: MCT Oil coconut based

Section 1: Identification of the substance and of the company

1.1 Product identifier: MCT oil coconut based / 3098 MCT olja baserad på kokosolja

1.2 Relevant identified uses of the substance and uses advised against

Application of the preparation
Basic raw material for chemical industry
Cosmetic raw material
Manufacturing of food

1.3 Supplier	**Street**	**City**	**Country**
Naturkosmetikkompaniet AB	Ullevi Enestorp 3	59491 Gamleby	Sverige

Telephone	**Telefax**
0493-53999	0493-12630

E-mail address of person responsible for this SDS: E-Mail: info@naturkosmetikkompaniet.se

1.4 Emergency telephone number
112

Section 2: Hazards identification

2.1 Classification of the substance

Classification according to Regulation (EC) 1272/2008: Not classified.

Classification according to Directive 67/548/EWG: Not classified.

2.2 Label elements

Signal word: No signal word.

Hazard statements: No known significant effects or critical hazards.

2.3 Other hazards:
No.

Section 3: Composition

3.1 Substance

Caprylic/Capric Triglycerides
REACH : 01-2119492306-35-0001

CAS-No.:	73398-61-5 Glycerides, mixed decanoyl and octanoyl
EINECS-No.:	277-452-2
INCI:	Caprylic/Capric-Triglycerides

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

Section 4: First aid measures

4.1 Description of first aid measures

Ingestion: Wash out mouth with water and then drink plenty of water. Remove victim to fresh air. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Inhalation: Fresh air. Get medical attention if symptoms occur.

Skin contact: Flush contaminated skin with plenty of water, wash with soap and rise thorouhly. Remove contaminated clothing and shoes.

Eye contact: Immediately flush eyes with plenty of water. Check for and remove any contact lenses. Get medical attention if irritation occurs.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Ingestion: No known significant effects or critical hazards.

Inhalation: No known significant effects or critical hazards.

Skin contact: No known significant effects or critical hazards.

Eye contact: No known significant effects or critical hazards.

Over-exposure signs

Ingestion: No specific data.

Inhalation: No specific data.

Skin contact: No specific data.

Eye contact: No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician: No specific data.

Specific treatment: No specific treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Chemical powder, carbon dioxide or water spray. Fight lager fires with water spray.

Unsuitable extinguishing media: Water with full jet.

5.2 Special hazards arising from the substance

In case of fire, the following can be released: carbon monoxide (CO), carbon dioxide (CO_2)

5.3 Advice for firefighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus with a full face-piece operated in positive pressure mode. Clothing for fire-fighters conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Do not touch or walk through split material. Put on appropriate personal protective equipment.

6.2 Environmental precautions: Avoid dispersal of split material and runoff and contact with soil, waterways, drains and sewers.

6.3 Methods and materials for containment and cleaning up
Small spill: Stop leak if without risk. Move container from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move container from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillage into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via licensed waste disposal contractor.

Section 7: Handling and storage

7.1 Precautions for safe handling
Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage
Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8: Exposure controls/personal protection

8.1 Control parameters
DNELs
Abbreviations: In = industrial
Prof = Professional
Cons = Consumer

LLE = Long term, local effects
LSE = Long term, systemic effects
SLE = Short term, local effects
SSE = Short term, systemic effects

Safety Data Sheet according to Reg. (EC) 1907/2006

Product name: MCT Oil coconut based

Glycerides, mixed decanoyl and octanoyl

Oral	DNEL/Cons/LSE	12,61 mg/kg bw/day (human)
Dermal	DNEL/Cons/LSE	12,61 mg/kg bw/day (human)
	DNEL/In/LSE	25,21 mg/kg bw/day (human)
Inhalative	DNEL/Cons/LSE	43,84 mg/m³ (human)
	DNEL/In/LSE	177,79 mg/m³ (human)

8.2 Exposure controls
Individual protection measures

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.
Appropriate techniques should be used to remove potentially contaminated clothing.

Eye protection: safety eyewear.

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. >8 hours (breakthrough time): neoprene, nitrile, Viton®.

Skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Recommended: organic vapour filter.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	liquid
Colour:	colourless to light yellow
Odour:	odourless

		value / area	Unit
Melting point/freezing point:		< -5	°C
Boiling point/Boiling range:		> 300	°C
Flash point:	open cup	> 250	°C
Flammability:		not applicable	
Ignition temperature:		425	°C
Cloud point / clarification point:		-10	°C
Danger of Explosion:		product does not present an explosion hazard	

Vapour pressure:	at 20 °C	not determined	
Relative density:	at 15 °C	approx. 0,94	kg/l
Solubility in water:		<1	mg/l

9.2 Other information
No additional information.

Section 10: Stability and reactivity

10.1 Reactivity: No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability: The product is stable.

10.3 Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid: No specific data.

10.5 Incompatible materials: see section 7

10.6. Hazardous decomposition products: smoke and irritating vapours when heated to decomposition.

Section 11: Toxicological information

11.1 Information on toxicological effects
Acute toxicity:

LD50 Dermal (rat)	> 2000 mg/kg
LD50 Oral (rat)	> 5000 mg/kg

Conclusion:	Not available.
Irritation/Corrosion:	No irritating effect.
Sensitization:	Not available.
Carcinogenicity:	No further relevant information available.

Specific target organ toxicity (single exposure):	Not available.
Specific target organ toxicity (repeated exposure):	Not available.

Section 12: Ecological information

12.1 Toxicity

EC50 48 hours (Daphnia)	> 0,01 mg/L
NOEC	> 0,45 mg/L

12.2 Persistence and degradability
Product is biodegradable.

Safety Data Sheet according to Reg. (EC) 1907/2006

Product name: MCT Oil coconut based

12.3 Bioaccumulative potential
Does not accumulate in organisms.

12.4 Mobility in soil
No data available.

12.5 Results of PBT and vPvB assessment
PBT: No.
vPvB: No.

12.6 Other adverse effects: No known significant effects or critical hazards.

Section 13: Disposal considerations

13.1 Waste treatment methods
Product:

Methods of disposal:
Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Packaging:
The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

EU-disposal code: 13 08 99 oil waste. Classification of waste is in end user's individual authority.

Section 14: Transport information

No hazardous goods according UN, IMO, ADR/RID und IATA/ICAO.

Section 15: Regulatory information

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

Other EU regulations
National regulation

Water hazard class: allgemein wassergefährdend (awg), VO AwSV, Anlage 1, Abs. 3

Section 16: Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Product Dossier

Product **3098 MCT olja baserad på kokosolja**

Herewith we certify to the best of our knowledge, based on information provided by our suppliers and based on knowledge of used raw materials and applied production processes

Description: MCT oil is a mixture of vegetable triglycerides of saturated fatty acids, mainly caprylic and capric acids. MCT oil coconut based is obtained from the oil produced from the hard, dried fraction of the endosperm of Cocos nucifera L.

Ingredients: 100% MCT Oil coconut based

Quality Level: Food, Cosmetic, Pharma

INCI Name: Caprylic/Capric Triglyceride

CAS No: 73398-61-5

EINECS No: 277-452-2

Monograph:

Properties: A colourless to pale yellow, oily liquid. It is insoluble in water, miscible with dichloromethane, ethanol and petroleum spirit.

Listing status in different countries: Australia (AICS), Canada (DSL), China (IECSC), Europe (EINECS), Japan (CHRIP), Korea (NCIS), New Zealand (NZioC), Philippines (PICCS), Taiwan (CSNN), USA (TSCA)

Besides chemical listing, MCT Oil can be used for food preparation and be consumed as food worldwide.

REACH: Exempt (Annex V, §9)

Manufacturer: Naturkosmetikkompaniet AB

Site: Ullevi Enestorp 3 59491 Gamleby, Sverige

Main Countries of Origin
Crude oil: South East Asia
MCT oil: Germany

Botanical Origin: Cocos nucifera L.
Parts used: the hard, dried fraction of the endosperm of Cocos nucifera L..

Vegan: Suitable for a vegan diet – absence of ingredients or processing aids of animal origin.

Retest Date:	IBC 6 Months	Metal Drum 18 Months	Plastic Tin 6 Months	
Storage Conditions:	Dry, ambient storage (20°C +/- 5°C) under absence of direct sunlight and off-odours. Cool storage (10°C +/- 5°C) can significantly enhance quality preservation. Freezing should be avoided.			
Packaging:	IBC 900 kg Material HDPE	Drum 190 kg Mild Steel	Canisters 27 kg Material HDPE	

Certified kosher: Yes
(If yes, product has to be ordered kosher)

Halal: 100% vegetal, so suitable for Halal but not certified

Free from Alcohol: Yes

Preservatives, antioxidants: MCT oil coconut based is free from additives. A suitable antioxidant is only added on deliberate request and clearly marked on the cover sheet of the CoA

Allergens: Due to the origin and the processing not to expect. MCT oil coconut based does not contain any proteins (BMDL @ 0,5 ppm) and is therefore not allergenic

Food allergens: Annex II of Reg. EU 1169/2011

Allergen Data Sheet according to Directive 2011/1169/EC	**Product ingredient** Y/N	**Risk of cross contamination** Y/N	**Remarks / details about the ingredient / origin and amount of cross contamination**
Cereals containing gluten (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strains) and products thereof		N	
Crustaceans and products thereof		N	
Eggs and products thereof		N	
Fish and products thereof		N	
Peanuts and products thereof		N	
Soybeans and products thereof		N	
Milk and products thereof (including lactose)		N	
Nuts i. e. Almond (Amygdalus communis L.), Hazelnut (Corylus avellana), Walnut (Juglans regia), Cashew (Anacardium occidentale), Pecan nut (Carya illinoiesis (Wangenh.) K. Koch), Brazil nut (Bertholletia excelsa), Pistachio nut (Pistacia vera), Macadamia nut and Queensland nut (Macadamia ternifolia) and products thereof		N	
Celery and products thereof		N	
Mustard and products thereof		N	
Sesame seeds and products thereof		N	
Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre expressed as SO2."		N	
Lupin and products thereof		N	
Molluscs and products thereof		N	

Other Allergens:

Cosmetic Reg. (EC) 1223/2009 Free of substances listed in annex III of this regulation. Traces of substances listed in annex II as contaminants are below MRL listed in Reg. (EC) 1881/2006 and 396/2005

GMO:
(Reg. EC1829/2003 and 1830/2003) MCT Oil coconut based is GMO-free and is produced from plants which have not been modified by genetical engineering

CMR: MCT Oil coconut based does not contain toxic substances

Microbiological Limits:	MCT oil coconut based is heated to >200°C for longer than 20 minutes. Any microorganisms should be inactivated. Due to the absence of moisture in the oil, microorganisms cannot develop. Total viable count (TVC): <1000cfu/g No pathogenic microorganisms
Pesticides, PAH, Dioxins:	Complies with maximum residual limits (MRL) for fats and oils set forth • Attachments 1-3 to EU regulation 396/2005 for pesticides • Attachment to EU Reg.1881/2006 for other contaminants • Attachment to German Kontaminanten VO for Aflatoxins
Heavy Metals:	Due to origin and manufacturing process not to expect, MRL according to annex to EU Reg. 1881/2006 applies for Pb with <0,1ppm
Metal Catalysts:	Produced without catalysts
Glycol Ether:	Free of glycol ether
Trans-Fatty Acids:	Target MRL <2 %
Formaldehyde / Formaldehyde Releaser:	Free of formaldehyde or any type of formaldehyde releaser
Lactose, Gluten:	Free of lactose or gluten
Melamine:	Free of melamine
Novel Food:	Suitable for food use, EU Reg. 258 / 97 does not apply
Residual Solvent:	Free of any residual solvent
VOC:	Free of any VOC classified compound
Nanotechnology:	Not used and no nanomaterials added
Irradiation:	Not treated with ionizing radiation
Animal Testing:	Has not been tested on animals
BSE / TSE:	MCT oil coconut based is of vegetable origin, no risk of BSE/TSE. The supply chain of vegetable oils & fats is completely segregated from the supply of animal fat

Nutritional Value: 100 g of oil contains as average:

Energy	3700 kJ / 900 kcal
Fat	100 g
Saturates	100 g
Mono-unsaturates	0 g
Polyunsaturates	0 g
Carbohydrate	0 g
Protein	0 g
Salt	0 g

The nutritional declaration above is an average which is based on calculation from the fatty acid composition. Due to natural variations the nutritional values can differ from above mentioned declaration. Our nutritional declaration has to be considered as a recommendation.

In General:

All our products are traceable by our batch number which is allocated on every incoming batch. This unique batch number allows traceability to the original manufacturers' batches and the processing data.

Automatically generated valid without signature