

Material Safety Data Sheet

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II - Europe

Version : 01

Date of revision : 12/06/2018

1. IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND COMPANY/UNDERTAKING

1.1. Product identifier	
	Nail Care Cuticle Oil Orange Item number: NCCO85F
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Identified uses	Cuticle oil. Cosmetic. Consumer product.
Uses advised against	Manufacture of food products.
1.3. Details of the supplier of the safety data sheet	
Responsible person:	Kinetics Nail Systems, Ltd 22 Tēraudlietuves St, Riga, Latvia, LV-1026, Latvia TEL: +(371) 6 7295 260 FAX: +(371) 6 7873 525 e-mail: info@kineticsnails.com web: www.kineticsnails.com E-mail of person responsible for Product Safety Data Sheet: info@kineticsnails.com
1.4. Emergency telephone number	
	EU:112 Emergency telephone for other regions to be filled out by local business

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture	
According to regulation (EC) No 1272/2008:	The product is not classified as dangerous according to regulation (EC) No 1272/2008.
Important adverse physicochemical, human health and environmental effects:	EUH208 Contains: 3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-benzopyran-6-ol; (R)-p-mentha-1,8-diene. May produce an allergic reaction. EUH210 Safety data sheet available on request.
2.2. Label elements	
According to regulation (EC) No 1272/2008: (Applicable from 01.06.2015)	EUH 208 Contains: 3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-benzopyran-6-ol; (R)-p-mentha-1,8-diene. May produce an allergic reaction. P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children.
2.3. Other hazards	
	Product does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH (Regulation (EC) No 1907/2006).

See section 11 for more detailed information on health effects and symptoms.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances	No relevant.
3.2. Mixtures	Cosmetics mixture of natural oils (PRUNUS AMAGDULUS DULCIS (ALMOND) OIL; VITIS VINIFERA (GRAPE)SEED OIL) and additives.

Ingredient name (INCI)	INDEX	CAS Numbers:	EINECS:	Conc.%	Classification Regulation (EC) 1272/2008 (CLP)	Type
3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-	N/A	1406-18-4 10191-41-0	233- 66-0	0,45%	Skin Sens. 1B H317	[1]

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benzopyran-6-ol / TOCOPHEROL / Vitamin E						
(R)-p-mentha-1,8-diene / d-limonene	601-029-00-7	5989-27-5	227-813-5	0,11	Flam. Liq. 3 H226 Skin Irrit. 2 H315 Skin Sens. 1 H317 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	[1]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

See section 16 for the full text of the R and H phrases declared above.

Occupational exposure limits, if available, are listed in section 8.

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] PBT-substance

[4] vPvB-substance

4. FIRST AID MEASURES

4.1. Description of first aid measures

General advice:	Remove contaminated clothing.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.
Skin contact:	Remove contaminated clothing and wash before reuse. Remove and destroy contaminated shoes. Flush with plenty of water. Obtain medical attention if irritation persists.
Eye contact:	Immediately wash the eyes with plenty of water for at least 15 min holding the eye open. Obtain medical attention urgently..
Ingestion:	Do not INDUCE VOMITING. Rinse mouth with water.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation:	No known effect according to our database.
Skin contact:	No known effect according to our database.
Eye contact:	No known effect according to our database.
Ingestion:	No known effect according to our database.

4.3. Indication of any immediate medical attention and special treatment needed

Specific treatments:	Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.
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See section 11 for more detailed information on health effects and symptoms.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:	Carbon dioxide, foam, powder.
Unsuitable extinguishing media:	Water.

5.2. Special hazards arising from the substance or mixture

	Water may be ineffective in fighting fire. If water is used to cool closed containers to prevent pressure build-up, fog nozzles are preferred. Full protective equipment, including self-contained breathing apparatus is needed to protect fire-fighters from exposure to coating's hazardous ingredients and hazardous decomposition products.
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5.3. Advice for firefighters

	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. During emergency conditions, overexposure to decomposition products may cause a health hazard; symptoms may not be immediately apparent. Obtain medical attention.
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6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

	Avoid contact with skin and eyes. Ensure adequate ventilation.
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6.2. Environmental precautions

	Do not empty into drains / surface water / ground water.
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	Prevent further leakage or spillage.
6.3. Methods and material for containment and cleaning up	
	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. Dispose of in accordance with local regulations.
6.4. Reference to other sections	
	See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.




7. HANDLING AND STORAGE

7.1. Precautions for safe handling	
Protective measures:	Avoid inhalation and eye contact.
Advice on general occupational hygiene:	Good industrial hygiene practices should be observed. Provide sufficient air exchange and/or exhaust in work rooms. Wash hands before work breaks and after finishing work. Do not eat, drink or smoke while working. See also Section 8 for additional information on hygiene measures. See also Section 8 for additional information on hygiene measures.
7.2. Conditions for safe storage, including any incompatibilities	
Storage:	Store in well-ventilated area. Keep containers should be grounded. Avoid strong oxidizing agents, store in a clean, dry area. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) 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 unlabelled containers. Use appropriate containment to avoid environmental contamination. Empty container may retain product residues (vapour or liquid).
7.3. Specific end use(s)	
Industrial sector specific solutions:	Product is for professional use only.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	
Occupational exposure limits	Limit values are laid down throughout the EU, but each Member State establishes its own national OELs, often going beyond EU legislation. OELs are set by competent national authorities and other relevant institutions. United Kingdom (HSE, 2011): Not established.
Recommended monitoring Procedures:	If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.
8.2 Manufacturer: Exposure controls	
Appropriate engineering Controls:	Ensure good ventilation/extraction.
Individual protection measures:	
Hygiene measures:	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. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.
Respiratory protection	 Ensure adequate ventilation. An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area.

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	Filter type: A
Eye/face protection:	 Safety glasses with sideshields or chemical safety goggles should be worn if there is a risk of splashing.
Skin protection:	  Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): nitrile rubber (NBR; >= 0.4 mm thickness). Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): nitrile rubber (NBR; >= 0.4 mm thickness). This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.
Environmental exposure controls:	
	According to available technology.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	
Physical state	Transparent viscous liquid
Colour	Orange
Odour	Orange
Odour threshold	Not available.
pH at 25 °C	Not applicable.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	>100 °C
Evaporation rate	Not available
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Not available.
Solubility(ies)	Insoluble in water. Soluble in solvent.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	45 – 65 mPa·s (Viscosity Brookfield, 24h, 25°C, s62, 1min, 100 RPM)
Evaporation Rate	Slower than ether
Explosive properties	Not available.
Oxidising properties	Not available
9.2. Other information	
Impurity	Not available

10. STABILITY AND REACTIVITY

10.1. Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

10.2. Chemical stability

Stable under recommended storage conditions.

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10.3. Possibility of hazardous reactions	
	Not known.
10.4. Conditions to avoid	
	Sun-Light, UV-Light, un-clean conditions to avoid during storage.
10.5. Incompatible materials	
	Do not store with strong oxidizing agents.
10.6. Hazardous decomposition products	
	Fumes produced when heated to decomposition may include: Toxic carbon monoxide, carbon dioxide.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects				
Product:		ATE mix Oral calculation: >2000 mg/kg, not classified as acute toxic.		
Ingredients:				
Acute toxicity:	Result	Species	Dose	Exposure
<i>(R)</i> - <i>p</i> -mentha-1,8-diene / d-limonene	LD50 Oral	Rat	LD50= 4400-5200mg/kg	
	LC50 inhalation	Rat	No data available	
	LD50 Dermal	Rabbit	LD50> 2000 mg/kg bw in rabbits	
TOCOPHEROL	LD50 Oral	Rat	> 4000 mg/kg bw	
	LC50 inhalation		Not available	
	LD50 Dermal	Rabbit	> 3 000 mg/kg bw	
Eye irritation:				
<i>(R)</i> - <i>p</i> -mentha-1,8-diene / d-limonene	Irritating.			
TOCOPHEROL	Slightly irritating. The Primary Irritation Index: 1.2.			
Skin irritation/ corrosion:				
<i>(R)</i> - <i>p</i> -mentha-1,8-diene / d-limonene	Irritating.			
TOCOPHEROL	Not irritating.			
Sensitisation:				
<i>(R)</i> - <i>p</i> -mentha-1,8-diene / d-limonene	Sensitising.			
TOCOPHEROL	Sensitising Parameter: EC3; Value: > 3 - < 10			
Repeated dose toxicity:				
<i>(R)</i> - <i>p</i> -mentha-1,8-diene / d-limonene	NOAEL	Rat	oral: PEG-12 dimethicone 1000 mg/kg/d	
TOCOPHEROL	NOAEL	Rat	Oral 500 mg/kg bw/day.	
Carcinogenicity:				
No known effect according to our database.				
Mutagenicity:				
No known effect according to our database.				
Toxicity for reproduction:				
No known effect according to our database.				
Potential acute health effects				
Eye contact:	No known effect according to our database.			
Inhalation:	No known effect according to our database.			
Skin contact:	No known effect according to our database.			
Ingestion:	No known effect according to our database.			
Symptoms related to the physical, chemical and toxicological characteristics				
Eye contact:	No specific data.			
Inhalation:	No specific data.			
Skin contact:	No specific data.			
Ingestion:	No specific data.			
Delayed and immediate effects and also chronic effects from short and long term exposure				
Short term exposure:				
Potential immediate effects:	Not available.			
Potential delayed effects:	Not available.			
Long term exposure:				
Potential immediate effects:	Not available.			

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Potential delayed effects:	Not available.
Potential chronic health effects:	Not available.
Conclusion/Summary	
General	No known significant effects or critical hazards.
Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.
11.2. Other information	
	Not available.

12. ECOLOGICAL INFORMATION

12.1. Toxicity						
Aquatic toxicity						
TOCOPHEROL	Oncorhynchus mykiss	freshwater	96 h	LC50	11 mg/L	
	Oncorhynchus mykiss	freshwater	28 d	NOEC	>100 mg/L	
(R)-p-mentha-1,8-diene / d-limonene	Pimephales promelas	freshwater	96 h	LC50	<1mg/L	
	Pimephales promelas	freshwater	28 d	NOEC	0,37mg/L	
12.2. Persistence and degradability						
Mixture	Readily biodegradable.					
TOCOPHEROL	Inherently biodegradable. OECD 301F: 20% after 28 d which constantly increased during an extended test duration to 70 - 80% after 67 d.					
12.3. Bioaccumulative potential						
TOCOPHEROL	The substance is poorly soluble in water, it will not be significantly bioavailable and no significant exposure of aquatic organisms is expected.					
12.4. Mobility in soil						
	Not available					
12.5. Results of PBT and vPvB assessment						
	Regarding all available data on biotic and abiotic degradation, bioaccumulation and toxicity it can be stated that the substances does not fulfil the PBT criteria (not PBT) and not the vPvB criteria (not vPvB).					
12.6. Other adverse effects						
	No known significant effects or critical hazards.					

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods	
Product:	
Methods of disposal:	Waste must be disposed of in accordance with federal, state and local environmental control regulations. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Hazardous waste:	Within the present knowledge of the supplier, this product is <u>NOT regarded as hazardous waste</u> , as defined by EU Directive 91/689/EEC.
European waste catalogue (EWC):	07 06 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics 07 06 99 wastes not otherwise specified
Packaging:	
Methods of disposal:	The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled.
Special precautions:	This material and its container must be disposed of in a safe way.

14. TRANSPORT INFORMATION

This preparation is **NOT classified** as dangerous according to international transport regulations (ADR/RID, IMDG or ICAO/IATA).

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International transport regulations:

	ADR/RID	ADN	IMDG	IATA
14.1. UN number	Not applicable.	Not applicable.	Not applicable.	Not applicable.
14.2. UN proper shipping name	Not applicable.			
14.3. Transport hazard class(es)	Not applicable.	Not applicable.	Not applicable.	Not applicable.
14.4. Packing group	Not applicable.	Not applicable.	Not applicable.	Not applicable.
14.5. Environmental hazards	Not applicable.	Not applicable.	Not applicable.	Not applicable.
14.6. Special precautions for user	Not applicable.	Not applicable.	Not applicable.	Not applicable.
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.			

15. REGULATORY INFORMATION

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

EU Regulation (EC) No. 1907/2006 (REACH):

Annex XIV - List of substances subject to authorization:	Substances of very high concern: None of the components are listed.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles:	Not applicable.

15.2. Chemical safety assessment

Chemical Safety Assessment following regulation 1907/2006/EC:	A Chemical Safety Assessment has not been carried out.
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16. OTHER INFORMATION

Abbreviations and acronyms:

Full text of abbreviations	<p>CLP: Classification, Labelling and Packaging Regulation [Regulation (EC) No.1272/2008]</p> <p>ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road</p> <p>RID: International Rule for Transport of Dangerous Substances by Railway</p> <p>IMDG: International Maritime Code for Dangerous Goods</p> <p>IATA: International Air Transport Association</p> <p>CAS: Chemical Abstracts Service</p> <p>EINECS: European Inventory of Existing Commercial chemical Substances</p> <p>LC50: Median lethal concentration</p> <p>LD50: Median lethal dose</p> <p>REACH: Registration, Evaluation and Authorisation of Chemicals</p> <p>PBT: Persistent, bio-accumulative and toxic</p> <p>vPvB: Very persistent, very bio-accumulative</p>
Full text of classifications and H statements [CLP/GHS]:	Skin Sens. 1B- Sensitisation — Skin, Hazard Category 1; H317 May cause an allergic skin reaction
Classification system	<p>Classification for health effects: conventional (calculation) method is used.</p> <p>Not classified.</p> <p>EUH208. May produce an allergic reaction.</p> <p>Classification for physico-chemical effects:</p> <p>No applicable.</p> <p>Classification for environmental effects: conventional (calculation) method is used.</p> <p>Calculation method: not classified.</p>

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Training advice:	
	In addition to health, safety and environmental training programs for their workers, companies must ensure that workers read, understand and apply the requirements of this SDS.
Used literature:	
	European Chemical Agency's homepage (http://echa.europa.eu/). Safety data sheets of individual components.
DISCLAIMER OF LIABILITY:	
	The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or method of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS/SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS/SDS information may not be applicable.

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