



The Soap Kitchen (2011) Ltd
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MATERIAL SAFETY DATA SHEET

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1 Product Identifier					
Product Name		Orange Oil Sweet Organic			
Biological Definition		Citrus Aurantium Dulcis Peel Oil Expressed is an essential oil expressed from the fresh epicarps of the Sweet Orange, <i>Citrus aurantium</i> L. var. <i>dulcis</i> L. (syn: <i>Citrus sinensis</i>), Rutaceae.			
INCI Name		Citrus Aurantium Dulcis Peel Oil Expressed			
Synonyms & Trade Names					
CAS-No	8028-48-6	EC No.	232-433-8	EINECS No.	232-433-8
1.2 Relative identified uses of the substance or mixture and uses advised against					
Suitable for fragrance, flavour, cosmetic and professional applications only.					
1.3 Details of the supplier of the safety data sheet					
The Soap Kitchen Unit 8 Caddsdwn Industrial Park Clovelly Road Bideford EX39 3DX					
1.4 Emergency Tel. No.		+ 44 (0) 1260 222 943			

02. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture			
The full text for all hazard statements are displayed in Section 16.			
Classification (EC 1272/2008)			
Physical hazards: <ul style="list-style-type: none">- Flam. Liq. 3 (H226) Health hazards: <ul style="list-style-type: none">- Asp. Tox. 1 – H304- Skin Irrit. 2 - H315- Skin Sens. 1 - H317 Environmental hazards: <ul style="list-style-type: none">- Aquatic Chronic 2 - H411* *See section 16 – Other Information			
2.2 Label Elements			
Label in accordance with (EC) No 1272/2008			
GHS07	GHS02	GHS08	GHS09

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Signal Word	Danger
Contains	d-Limonene, alpha-Pinene.
Hazard Statements	
<p>H226 - Flammable liquid and vapour. H304 - May be fatal if swallowed and enters airways. H315 - Causes skin irritation H317 - May cause an allergic skin reaction. H411 - Toxic to aquatic life with long lasting effects.</p>	
Precautionary Statements	
<p>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P241 - Use explosion-proof electrical equipment. P261 - Avoid breathing vapour/ spray. P273 - Avoid release to the environment. P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection. P301/P310 - IF SWALLOWED - Immediately call a POISON CENTER/ doctor. P303/P361/P353 - IF ON SKIN - (or hair) - Take off immediately all contaminated clothing. Rinse skin with water/ shower. P331 - Do NOT induce vomiting. P405 - Store locked up. P501 - Dispose of contents/ container in accordance with national regulations.</p>	
Supplementary Precautionary Statements	
<p>P233 - Keep container tightly closed. P240 - Ground/ bond container and receiving equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P264 - Wash contaminated skin thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. P302/P352 - IF ON SKIN - Wash with plenty of water. P321 - Specific treatment (see medical advice on this label). P332/P313 - If skin irritation occurs - Get medical advice/ attention. P333/P313 - If skin irritation or rash occurs - Get medical advice/ attention. P362/P364 - Take off contaminated clothing and wash it before reuse. P370+P378 - In case of fire - Use foam, carbon dioxide, dry powder or water fog to extinguish. P391 - Collect spillage. P403/P235 - Store in a well-ventilated place. Keep cool.</p>	
2.3 Other Hazards	
PBT or vPvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	The product is highly flammable.
Adverse effects on human health	May cause skin sensitisation or allergic reactions in sensitive individuals.

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03. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

60 - 99.0% d-Limonene

CAS: 5989-27-5 EC: 227-813-5

Classification (EC 1272/2008):

- M factor (Acute) = 1
- M factor (Chronic)
- Flam. Liq. 3 - H226
- Asp. Tox. 1 – H304
- Skin Irrit. 2 - H315
- Skin Sens. 1 - H317
- Aquatic Acute 1 - H400
- Aquatic Chronic 1 - H410

≤ 5.0% Myrcene (7-methyl-3-methylenoocta-1,6-diene)

CAS: 123-35-3 EC: 204-622-5

Classification (EC 1272/2008):

- M factor (Acute) = 1
- M factor (Chronic) = 1
- Flam. Liq. 3 - H226
- Skin Irrit. 2 - H315
- Eye Irrit. 2 - H319
- Skin Sens. 1 - H317
- Asp. Tox. 1 - H304
- Aquatic Acute 1 - H400
- Aquatic Chronic 1 - H410

≤ 4.0% α-Pinene

CAS: 80-56-8 EC: 201-291-9

Classification (EC 1272/2008):

- M factor (Acute) = 1
- M factor (Chronic) = 1
- Flam. Liq. 3 - H226
- Acute Tox. 4 - H302
- Skin Irrit. 2 - H315
- Skin Sens. 1 - H317
- Asp. Tox. 1 - H304
- Aquatic Acute 1 - H400
- Aquatic Chronic 1 - H410

≤ 9.0 Linalool

CAS: 78-70-6 EC: 201-134-4

Classification (EC 1272/2008):

- Skin Irrit. 2 - H315
- Eye Irrit. 2 - H319
- Skin Sens. 1 - H317

≤ 6.0% Decanal

CAS: 112-31-2 EC: 203-957-4

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Classification (EC 1272/2008): <ul style="list-style-type: none"> - Eye Irrit. 2 - H319 - Aquatic Chronic 3 - H412
<u>≤ 5.0 % Octanal</u> CAS: 124-13-0 EC: 204-683-8 Classification (EC 1272/2008): <ul style="list-style-type: none"> - Flam. Liq. 3 - H226 - Skin Irrit. 2 - H315 - Eye Irrit. 2 - H319 - Aquatic Chronic 2 - H411
<u>≤ 2.0% α-Terpineol (p-menth-1-en-8-ol)</u> CAS: 98-55-5 EC: 202-680-6 Classification (EC 1272/2008): <ul style="list-style-type: none"> - Skin Irrit. 2 - H315 - Eye Irrit. 2 - H319
<u>≤ 1.0% Citronellal</u> CAS: 106-23-0 EC: 203-376-6 Classification (EC 1272/2008): <ul style="list-style-type: none"> - Skin Irrit. 2 - H315 - Skin Sens. 1 - H317 - Eye Irrit. 2 - H319
<u>≤ 3.0% Citral</u> CAS: 5392-40-5 EC: 226-394-6 Classification (EC 1272/2008): <ul style="list-style-type: none"> - Skin Irrit. 2 - H315 - Skin Sens. 1 - H317

04. FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air at once. Seek medical attention.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention. Give plenty of water to drink. DO NOT INDUCE VOMITING!
Skin Contact	Remove contaminated clothing immediately and wash skin with soap and water. Seek medical attention if irritation or symptoms persist.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical attention. Continue to rinse.
4.2 Most important symptoms and effects, both acute and delayed	
Ingestion: <ul style="list-style-type: none"> - Harmful if swallowed. Skin contact: <ul style="list-style-type: none"> - Irritating to skin. 	
4.3 Indication of any immediate medical attention and special treatment needed	
Treat Symptomatically	

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05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Extinguishing media:

- Carbon dioxide (CO₂).
- Alcohol resistant foam.
- Dry powder.

Unsuitable extinguishing media:

- Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the product

In case of fire, the following can be released: carbon monoxide (CO), carbon dioxide (CO₂), smoke, soot.

5.3 Advice for firefighters

Protective actions during firefighting

Do not inhale explosion and/or combustion gases. Use self-contained breathing apparatus. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

Special protective equipment for firefighters

Self-contained breathing apparatus must be used in handling.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing and gloves. Keep unnecessary and unprotected personnel away from the spillage. Follow safety measures as mentioned in sections "handling and storage" and "exposure controls/personal protection". No smoking, sparks, flames or other sources of ignition near spillage.

6.2 Environmental Precautions

Do not discharge into drains or watercourses or onto the ground. Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up.

Wipe up little amounts with absorbent material like cloth or pulp. Water and cleansing agent. Absorb with incombustible liquid binding material (sand, universal binders). Dispose of contaminated material as waste according to "disposal considerations".

6.4 Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Use personal protection equipment as mentioned under "exposure controls and personal protection". Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Provide adequate ventilation. Good personal hygiene procedures should be implemented.

7.2 Conditions for safe storage, including any incompatibilities

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Keep product tightly closed in its original container well sealed, in a dry, ventilated area, away from potential sources of ignition and protected from light. Keep away from oxidising materials, heat and flames.

7.3 Specific end use(s)

No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

(R)-p-mentha-1,8-diene (CAS: 5989-27-5)

DNEL

Workers - Inhalation; Long term systemic effects: 33.3 mg/m³

General population - Oral; Long term systemic effects: 4.76 mg/kg

PNEC

- STP; 1.8 mg/l

- Soil; 0.262 mg/kg

- Fresh water; 0.0054 mg/l

- Marine water; 0.00054 mg/l

- Sediment (Freshwater); 1.32 mg/kg

- Sediment (Marine water); 0.13 mg/kg

7-methyl-3-methylenoocta-1,6-diene (CAS: 123-35-3)

DNEL

Workers - Dermal; Long term systemic effects: 0.83 mg/kg

Workers - Inhalation; Long term systemic effects: 5.83 mg/m³

General population - Dermal; Long term systemic effects: 0.42 mg/kg

General population - Inhalation; Long term systemic effects: 1.25 mg/m³

PNEC

- STP; 0.2 mg/l

- Soil; 1.015 mg/kg

- Fresh water; 0.00028 mg/l

- Marine water; 0.0008 mg/l

- Sediment (Freshwater); 5.022 mg/kg

- Sediment (Marine water); 0.502 mg/kg

Alpha Pinene (CAS: 80-56-8)

DNEL

Workers - Inhalation; Long term systemic effects: 3.8 mg/m³

Workers - Dermal; Long term systemic effects: 0.54 mg/kg, bw/day

General population - Inhalation; Long term systemic effects: 0.67 mg/m³

General population - Dermal; Long term systemic effects: 0.19 mg/kg, bw/day

General population - Oral; Long term systemic effects: 0.19 mg/kg, bw/day

PNEC

- Fresh water; Short term 0.606 mg/l

- Fresh water, Intermittent release; 3.03 mg/l

- Marine water; Short term 0.061 mg/l

- Intermittent release, Marine water; 0.303 mg/l

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- STP; Short term 0.2 mg/l
- Sediment (Freshwater); Short term 157 mg/kg
- Sediment (Marine water); Short term 15.7 mg/kg
- Soil; Short term 31.7 mg/kg

Linalool (CAS: 78-70-6)

DNEL

- Workers - Dermal; Short term systemic effects: 5 mg/kg
- Workers - Inhalation; Short term systemic effects: 16.5 mg/m³
- Workers - Dermal; Long term systemic effects: 2.5 mg/kg
- Workers - Inhalation; Long term systemic effects: 2.8 mg/m³
- General population - Oral; Short term systemic effects: 1.5 mg/kg
- General population - Dermal; Short term systemic effects: 2.5 mg/kg
- General population - Inhalation; Short term systemic effects: 4.1 mg/m³
- General population - Oral; Long term systemic effects: 0.2 mg/kg
- General population - Dermal; Long term systemic effects: 1.25 mg/kg
- General population - Inhalation; Long term systemic effects: 0.7 mg/m³

PNEC

- STP; Short term 10 mg/l
- Soil; Short term 0.327 mg/kg
- Intermittent release; Short term 2 mg/l
- Fresh water; Short term 0.2 mg/l
- Marine water; Short term 0.02 mg/l
- Sediment (Freshwater); Short term 2.22 mg/kg
- Sediment (Marine water); Short term 0.222 mg/kg

Decanal (CAS: 112-31-2)

DNEL

- Workers - Inhalation; Long term systemic effects: 24.9 mg/m³
- Workers - Dermal; Long term systemic effects: 7 bw/day, mg/kg
- General population - Inhalation; Long term systemic effects: 6.1 mg/m³
- General population - Dermal; Long term systemic effects: 3.5 bw/day, mg/kg
- General population - Oral; Long term systemic effects: 3.5 mg/kg, bw/day

PNEC

- Fresh water; Short term 1.17 mg/l
- Fresh water, Intermittent release; 11.7 mg/l
- Marine water; Short term 0.117 mg/l
- STP; Short term 3.16 mg/l
- Sediment (Freshwater); Short term 0.097 mg/kg
- Sediment (Marine water); Short term 0.01 mg/kg
- Soil; Short term 0.019 mg/kg

Octanal (CAS: 124-13-0)

DNEL

- Workers - Inhalation; Long term systemic effects: 1.3 mg/m³

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Workers - Dermal; Long term systemic effects: 0.37 bw/day, mg/kg
General population - Inhalation; Long term systemic effects: 0.32 mg/m³
General population - Dermal; Long term systemic effects: 0.19 mg/kg, bw/day
General population - Oral; Long term systemic effects: 0.19 mg/kg, bw/day
PNEC

- Fresh water; Short term 0.002 mg/l
- Marine water; Short term 0 mg/l
- STP; Short term 3.16 mg/l
- Sediment (Freshwater); Short term 0.071 mg/kg
- Sediment (Marine water); Short term 0.007 mg/kg
- Soil; Short term 0.013 mg/kg

p-menth-1-en-8-ol (CAS: 98-55-5)

PNEC

- Fresh water; Short term 68 mg/l
- Marine water; Short term 6.8 mg/l
- STP; Short term 2.6 mg/l
- Sediment (Freshwater); Short term 1.85 mg/kg
- Sediment (Marine water); Short term 0.185 mg/kg
- Soil; Short term 0.329 mg/kg

Citronellal (CAS: 106-23-0)

DNEL

Workers - Inhalation; Long term systemic effects: 9 mg/m³
Workers - Dermal; Long term systemic effects: 1.7 mg/kg, bw/day
Workers - Dermal; Long term local effects: 140 mg/cm²
General population - Inhalation; Long term systemic effects: 2.7 mg/m³
General population - Dermal; Long term systemic effects: 1 mg/kg, bw/day
General population - Dermal; Long term local effects: 140 mg/cm²
General population - Oral; Long term systemic effects: 0.6 bw/day, mg/kg

PNEC

- Fresh water; Short term 0.009 mg/l
- Intermittent release, Fresh water; 0.087 mg/l
- Marine water; Short term 0.001 mg/l
- STP; Short term 4 mg/l
- Sediment (Freshwater); Short term 0.159 mg/kg
- Sediment (Marine water); Short term 0.016 mg/kg
- Soil; Short term 0.027 mg/kg

Citral (CAS: 5392-40-5)

DNEL

Workers - Dermal; Long term systemic effects: 1.7 mg/kg
Workers - Inhalation; Long term systemic effects: 9 mg/m³
General population - Oral; Long term systemic effects: 0.6 mg/kg
General population - Dermal; Long term systemic effects: 1 mg/kg
General population - Inhalation; Long term systemic effects: 2.7 mg/m³

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PNEC

- STP; 1.6 mg/l
- Soil; 0.0209 mg/kg
- Intermittent release; 0.0678 mg/l
- Fresh water; 0.00678 mg/l
- Marine water; 0.000678 mg/l
- Sediment (Freshwater); 0.125 mg/kg
- Sediment (Marine water); 0.0125 mg/kg

8.2 Exposure controls

Protective Equipment



Process Conditions	No additional data available.
Engineering Measures	Provide adequate ventilation or respiratory protection.
Respiratory Equipment	Suitable respiratory protection: filter class A2 (brown colour). Use the rules for application of respiratory protection systems.
Hand Protection	Use protective gloves. Material of gloves: The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has to be checked prior to the application. Penetration time of glove material >480 minutes at layer thickness of 0.425mm (Sol-Vex (37-695) from Ansell). Use gloves according to EN374. For permanent contact gloves made of the following materials are suitable: Nitrile rubber, NBR (e.g following product: Sol-Vex (37-695) from Ansell. For protection from splashes gloves made of the following are suitable: PVC gloves.
Eye Protection	Wear approved safety goggles.
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	General protective and hygienic measures: Use personal protective equipment depending on concentration and amount of hazardous substance. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with eyes and skin.
Skin Protection	Wear apron or protective clothing in case of splashes.
Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorised companies.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Mobile Liquid, orange to orange-red.
Colour	Orange to orange-red.

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Odour	Characteristic of orange peel.
Relative Density	Approx. 0.841 @ 20°C
Flash Point (°C)	REACH dossier information. 53.4 +/-1°C CC (Closed cup).
Refractive Index	Approx. 1.475 @ 20°C
Melting Point (°C)	REACH dossier information. Orange oil was found to be a clear mobile liquid at 20c and a slightly turbid mobile liquid at -25c after 72h.
Boiling Point (°C)	REACH dossier information. 160°C @ 1026 hPa.
Vapour Pressure	REACH dossier information. 186.4 Pa @ 25°C
Solubility in Water @20°C	No additional data available.
Auto-ignition temperature (°C)	REACH dossier information. 1012.2 - 1016.5 hPA @ 235°C

9.2 Other information

No additional data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under the recommended handling and storage conditions.

10.2 Chemical stability

Stable under the recommended handling and storage conditions.

10.3 Possible hazardous reactions

Heating causes vaporization and formation of ignitable atmosphere is possible. Formation of explosive gas mixture with air possible. In case of unpropitious storing conditions (air admission, heat accumulation) self-ignition is possible for moistened solids (e.g. cloth, pulp, filter panel, binder). Reacts violently with oxidizing agents.

10.4 Conditions to Avoid

Avoid heat, flames and other sources of ignition.

10.5 Incompatible materials

Avoid oxidising agents.

10.6 Hazardous Decomposition Products

No dangerous decomposition products expected by intended use.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity	<u>Acute toxicity - oral</u>		
	Acute toxicity oral (LD ₅₀ mg/kg)	5,000.0	
	Species	Rat	
	ATE oral (mg/kg)	5,000.0	
	<u>Acute toxicity - dermal</u>		
	Acute toxicity dermal (LD ₅₀ mg/kg)	5,000.0	

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	Species ATE dermal (mg/kg)	Rabbit 5,000.0
Skin corrosion / irritation	REACH dossier information, Irritating to skin.	
Serious eye damage / irritation	No additional data available.	
Respiratory or skin sensitisation	REACH dossier information. Sensitising.	
Germ Cell Mutagenicity	No additional data available.	
Carcinogenicity	No additional data available.	
Reproductive toxicity	No additional data available.	
STOT-single exposure	No additional data available.	
STOT-repeated exposure	No additional data available.	
Aspiration hazard	May be fatal if swallowed and enters airways.	
Photo-toxicity	No additional data available.	
Other Information	No additional data available.	

12. ECOLOGICAL INFORMATION

12.1 Toxicity
Toxic to aquatic life with long lasting effects. (* see section 16 – Other information)
12.2 Persistence & degradability
Expected to be readily biodegradable.
12.3 Bioaccumulation Potential
Partition coefficient. REACH dossier information. Log Kow of the constituents of Orange ranges from 2.78 to 4.88. The fraction with log Kow >4 was 84%
12.4 Mobility in soil
No additional data available.
12.5 Results of PBT and vPvB Assessment
No additional data available.
12.6 Other adverse effects
Do not allow product to enter streams, sewers or other waterways. Water Hazard Class; WGK-2.



13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Recycling is preferred to disposal or burning. Disposal must be made according to official regulations. Must not be disposed together with household waste.

14. TRANSPORT INFORMATION

14.1 UN number	
UN No. Road	1169
UN No. SEA	1169

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UN No. AIR	1169
14.2 UN proper shipping name	
EXTRACTS, AROMATIC, LIQUID	
14.3 Transport hazard class(es)	
ADR/RID/ADN Class:	3 (Flammable Liquid)
ADR/RID classification code	F1
IMDG Class:	3 (Flammable Liquid)
ICAO Class/Division:	3 (Flammable Liquid)
Transport Labels	
	
14.4 Packing group	
ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III
14.5 Environmental hazards	
Environmentally Hazardous Substance/Marine Pollutant	
	
14.6 Special precautions for user	
EmS	F-E, S-D
ADR transport category	3
Emergency Action Code	3Y
Hazard Identification Number (ADR/RID)	30
Tunnel restriction code	(D/E)
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code	
Packed and transferred according to transport regulations.	

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
<u>Statutory Instruments</u>	
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).	
<u>Guidance Notes</u>	
Workplace Exposure Limits EH40. CHIP for everyone HSG (108).	

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EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2 Chemical safety assessment

No additional information available.

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.
Other Information	*REACH dossier information. The toxicity for aquatic organisms was assessed in WAF tests. These studies for algae, Daphnia and fish are considered valid studies and based on these toxicity studies and the criteria of the CLP Regulation; the product is not classified for Aquatic Acute toxicity. Orange Oil is to be classified as Aquatic Chronic Category 2. It was concluded that the presence of other constituents in the complex substance influences the behaviour and effect of the constituent Limonene.
Revision Date	20/12/2019
Rev No	6

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.