



# Salted Grapefruit #TCDL-CFRA-BOWL-NSGR

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Issue date: 10/26/2017 Revision date: 1/21/2021 Supersedes version of: 5/27/2020 Version: 1.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form	: Mixture
Product name	: Salted Grapefruit #TCDL-CFRA-BOWL-NSGR
UFI	: FR0Q-U2H9-300S-Q2E8
Product code	: <b>TCDL-CFRA-BOWL-NSGR</b>
Type of product	: Perfumes, fragrances
Product group	: Finished Good

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

##### 1.2.1. Relevant identified uses

Main use category	: Industrial use, Professional use
Industrial/Professional use spec	: Industrial For professional use only
Use of the substance/mixture	: Perfumes, fragrances
Function or use category	: Odour agents

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

The Cosy Owl  
20-28 Albert Road,  
Braintree,  
Essex CM7 3JQ  
Tel: +44 1376 560 348  
[enquiries@cosyowl.com](mailto:enquiries@cosyowl.com) – [www.cosyowl.com](http://www.cosyowl.com)  
Company registration number: 07738645

#### 1.4. Emergency telephone number

Emergency number: +44 1376 560 348

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Skin sensitisation, Category 1	H317
Aspiration hazard, Category 1	H304
Hazardous to the aquatic environment — Chronic Hazard, Category 2	H411
Full text of H statements : see section 16	

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

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Contains	: d-Limonene; Citral; Geraniol; Citronellol Pure; Grapefruit oil; Clary sage oil; Triplal (Vertocitral); Hexyl cinnamic aldehyde; Amyl cinnamic aldehyde; Nopyl acetate; Iso E Super; Cyclamal; 2-Hydroxybenzoic acid, benzyl ester; Bergamot oil; Linalyl acetate; Floralozone; Linalool; Hexyl salicylate
Hazard statements (CLP)	: 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. H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P264 - Wash hands, forearms and face thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor. P302+P352 - IF ON SKIN: Wash with plenty of water.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Grapefruit oil	(CAS-No.) 8016-20-4 (EC-No.) 289-904-6;600-007-4	5.05 – 10.1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Hexamethylindanopyran	(CAS-No.) 1222-05-5 (EC-No.) 214-946-9 (EC Index-No.) 603-212-00-7 (REACH-no) 01-2119488227-29	3.325 – 6.65	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Hexyl cinnamic aldehyde	(CAS-No.) 101-86-0 (EC-No.) 202-983-3 (REACH-no) 01-2119533092-50	1.85 – 3.7	Skin Sens. 1, H317 Aquatic Chronic 2, H411
Amyl salicylate	(CAS-No.) 2050-08-0 (EC-No.) 218-080-2 (REACH-no) 01-2119969444-27	1.45 – 2.9	Acute Tox. 4 (Oral), H302 Aquatic Chronic 1, H410
2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol	(CAS-No.) 63500-71-0 (EC-No.) 405-040-6 (EC Index-No.) 603-101-00-3 (REACH-no) 01-000015458-64	0.625 – 2.708225	Eye Irrit. 2, H319
Verdox	(CAS-No.) 88-41-5 (EC-No.) 201-828-7 (REACH-no) 01-2119970713-33	1.2 – 2.4	Aquatic Chronic 2, H411
Iso E Super	(CAS-No.) 54464-57-2 (EC-No.) 259-174-3 (REACH-no) 01-2119489989-04	1.2 – 2.4	Skin Sens. 1, H317 Aquatic Chronic 2, H411

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Amyl cinnamic aldehyde	(CAS-No.) 122-40-7 (EC-No.) 204-541-5;453-530-3	0.975 – 1.95	Skin Sens. 1B, H317 Aquatic Chronic 2, H411
Linalool	(CAS-No.) 78-70-6 (EC-No.) 201-134-4 (EC Index-No.) 603-235-00-2 (REACH-no) 01-2119474016-42	0.925 – 1.85	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Benzyl acetate	(CAS-No.) 140-11-4 (EC-No.) 205-399-7 (REACH-no) 01-2119638272-42	0.9 – 1.8	Aquatic Chronic 3, H412
Terpineol	(CAS-No.) 8000-41-7 (EC-No.) 232-268-1	0.65 – 1.3	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Citral	(CAS-No.) 5392-40-5 (EC-No.) 226-394-6 (EC Index-No.) 605-019-00-3 (REACH-no) 01-2119462829-23	0.6253 – 1.256	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Aldehyde C-10	(CAS-No.) 112-31-2 (EC-No.) 203-957-4	0.625 – 1.25	Eye Irrit. 2, H319 Aquatic Chronic 3, H412
Citronellol Pure	(CAS-No.) 106-22-9 (EC-No.) 203-375-0 (REACH-no) 01-2119453995-23	0.6003 – 1.206	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Verdyl acetate	(CAS-No.) 5413-60-5 (EC-No.) 226-501-6	0.6 – 1.2	Aquatic Chronic 3, H412
Linalyl acetate	(CAS-No.) 115-95-7 (EC-No.) 204-116-4 (REACH-no) 01-2119454789-19	0.525 – 1.05	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Nopyl acetate	(CAS-No.) 128-51-8 (EC-No.) 204-891-9	0.375 – 0.75	Eye Irrit. 2, H319 Aquatic Chronic 2, H411 Skin Sens. 1B, H317
Geraniol	(CAS-No.) 106-24-1 (EC-No.) 203-377-1 (REACH-no) 01-2119552430-49	0.3003 – 0.606	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317
Clary sage oil	(CAS-No.) 8016-63-5 (EC-No.) 283-911-8;616-984-5	0.3 – 0.6	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
Hexyl salicylate	(CAS-No.) 6259-76-3 (EC-No.) 228-408-6	0.0125 – 0.325	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
d-Limonene	(CAS-No.) 5989-27-5 (EC-No.) 227-813-5 (EC Index-No.) 601-029-00-7 (REACH-no) 01-2119493353-35	0.09 – 0.3	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2-Hydroxybenzoic acid, benzyl ester	(CAS-No.) 118-58-1 (EC-No.) 204-262-9 (REACH-no) 01-2119969442-31	0.1 – 0.2	Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
Bergamot oil	(CAS-No.) 8007-75-8 (EC-No.) 289-612-9;616-915-9	0.1 – 0.2	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 3, H412

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Floralozone	(CAS-No.) 67634-15-5 (EC-No.) 266-819-2 (REACH-no) 01-2120758796-34	0.1 – 0.2	Aquatic Acute 1, H400 Aquatic Chronic 2, H411 Skin Irrit. 2, H315 Skin Sens. 1B, H317
Cyclamal	(CAS-No.) 103-95-7 (EC-No.) 203-161-7 (REACH-no) 01-2119970582-32	0.07545 – 0.1565	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411
Triplal (Vertocitral)	(CAS-No.) 68039-49-6 (EC-No.) 268-264-1	0.075 – 0.15	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
p-Mentha-1,4-diene	(CAS-No.) 99-85-4 (EC-No.) 202-794-6	0.03 – 0.12	Flam. Liq. 3, H226 Repr. 2, H361 Asp. Tox. 1, H304

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Wash with plenty of water/... If skin irritation or rash occurs: Get immediate medical advice/attention. Get medical advice/attention. Specific treatment (see supplemental first aid instruction on this label). Wash contaminated clothing before reuse. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	: May cause an allergic skin reaction.

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: Combustible liquid.
Explosion hazard	: May form flammable/explosive vapour-air mixture.

### 5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

##### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Precautions for safe handling : No open flames. No smoking. Avoid breathing fume, spray, mist. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed.

Storage conditions : Keep in fireproof place. Keep only in the original container in a cool, well ventilated place away from : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Heat sources. Sources of ignition. Direct sunlight.

Storage temperature : 25 °C

Storage area : Store in a well-ventilated place. Store away from heat.

Special rules on packaging : Store in a closed container.

Packaging materials : Do not store in corrodable metal.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

No additional information available

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### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

No additional information available

### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### 8.2.2.1. Eye and face protection

##### Eye protection:

Chemical goggles or safety glasses

#### 8.2.2.2. Skin protection

##### Hand protection:

Wear protective gloves.

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

Wear appropriate mask

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: light yellow. Yellow.
Odour	: characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 77.4 °C (closed cup) ASTM D7094
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Combustible liquid, Non flammable.
Vapour pressure	: No data available

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Relative vapour density at 20 °C	: No data available
Relative density	: ≈ 0.933
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Combustible liquid. May form flammable/explosive vapour-air mixture. Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Open flame. Overheating. Direct sunlight. Heat. Sparks. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

May release flammable gases. fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### Grapefruit oil (8016-20-4)

LD50 oral rat	> 5 g/kg
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#### Hexamethylindanopyran (1222-05-5)

LD50 oral rat	> 3250 mg/kg
LD50 dermal rabbit	> 3250 mg/kg

#### Hexyl cinnamic aldehyde (101-86-0)

LD50 oral rat	3100 mg/kg
LD50 oral	3100 mg/kg bodyweight
LD50 dermal rabbit	> 3000 mg/kg

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LC50 Inhalation - Rat	> 5 mg/l/4h
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### Amyl salicylate (2050-08-0)

LD50 oral rat	4100 mg/kg
LD50 oral	2000 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg

### Verdox (88-41-5)

LD50 oral rat	4600 mg/kg
LD50 oral	4600 mg/kg bodyweight

### Amyl cinnamic aldehyde (122-40-7)

LD50 oral rat	3730 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

### Linalool (78-70-6)

LD50 oral	2790 mg/kg bodyweight
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### Benzyl acetate (140-11-4)

LD50 oral rat	2490 mg/kg
LD50 oral	2490 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg

### Terpineol (8000-41-7)

LD50 oral rat	2900 mg/kg
LD50 oral	4300 mg/kg bodyweight
LD50 dermal rabbit	> 3000 mg/kg

### Aldehyde C-10 (112-31-2)

LD50 oral rat	3730 mg/kg
LD50 dermal rabbit	5040 mg/kg

### Citral (5392-40-5)

LD50 oral rat	4960 mg/kg
LD50 dermal rabbit	2250 mg/kg
LD50 dermal	2250 mg/kg bodyweight

### Verdyl acetate (5413-60-5)

LD50 oral	3050 mg/kg bodyweight
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### Citronellol Pure (106-22-9)

LD50 oral rat	3450 mg/kg
LD50 oral	3450 mg/kg bodyweight
LD50 dermal rabbit	2650 mg/kg



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LD50 dermal	2650 mg/kg bodyweight
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### Linalyl acetate (115-95-7)

LD50 oral rat	14550 mg/kg
LD50 dermal rabbit	> 5000 mg/kg

### Nopyl acetate (128-51-8)

LD50 oral rat	3 g/kg
LD50 oral	2940 mg/kg bodyweight

### Clary sage oil (8016-63-5)

LD50 oral rat	5600 mg/kg
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### Geraniol (106-24-1)

LD50 oral rat	3600 mg/kg
LD50 oral	3600 mg/kg bodyweight
LD50 dermal rabbit	> 5 g/kg

### Bergamot oil (8007-75-8)

LD50 oral rat	11520 mg/kg
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### 2-Hydroxybenzoic acid, benzyl ester (118-58-1)

LD50 oral rat	2227 mg/kg
LD50 oral	2200 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg

### Cyclamal (103-95-7)

LD50 oral rat	3810 mg/kg
LD50 oral	3810 mg/kg bodyweight

### Triplal (Vertocitral) (68039-49-6)

LD50 oral	3900 mg/kg bodyweight
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### Hexyl salicylate (6259-76-3)

LD50 oral rat	> 5 g/kg
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### p-Mentha-1,4-diene (99-85-4)

LD50 oral rat	3650 mg/kg
LD50 oral	3850 mg/kg bodyweight

### d-Limonene (5989-27-5)

LD50 oral rat	4400 mg/kg
LD50 dermal rabbit	> 5 g/kg

Skin corrosion/irritation : Causes skin irritation.

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Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

### Benzyl acetate (140-11-4)

IARC group	3 - Not classifiable
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### d-Limonene (5989-27-5)

IARC group	3 - Not classifiable
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Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: May be fatal if swallowed and enters airways.
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.

### Hexamethylindanopyran (1222-05-5)

LC50 - Fish [1]	0.452 mg/l Wolf, 1996d-27682
LC50 - Other aquatic organisms [1]	> 0.14 mg/l REACH DOSSIER Pimephales promelas
EC50 - Crustacea [2]	260 µg/l REACH Dossier
EC50 - Other aquatic organisms [1]	0.131 mg/l REACH Dossier

### Linalool (78-70-6)

EC50 96h - Algae [1]	88.3 mg/l (Species: Desmodesmus subspicatus)
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### Aldehyde C-10 (112-31-2)

LC50 - Fish [1]	1.45 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])
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### Citral (5392-40-5)

EC50 - Crustacea [1]	7 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h - Algae [1]	16 mg/l (Species: Desmodesmus subspicatus)
EC50 96h - Algae [1]	19 mg/l (Species: Desmodesmus subspicatus)

### Linalyl acetate (115-95-7)

LC50 - Fish [1]	11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through])
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### Geraniol (106-24-1)

LC50 - Fish [1]	22 mg/l (Exposure time: 96 h - Species: Danio rerio [static])
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### 2-Hydroxybenzoic acid, benzyl ester (118-58-1)

LC50 - Fish [1]	1.03 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
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### d-Limonene (5989-27-5)

LC50 - Fish [1]	0.619 – 0.796 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
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LC50 - Fish [2]	35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
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## 12.2. Persistence and degradability

### Salted Grapefruit #TCDL-CFRA-BOWL-NSGR

Persistence and degradability	Not established.
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## 12.3. Bioaccumulative potential

### Salted Grapefruit #TCDL-CFRA-BOWL-NSGR

Bioaccumulative potential	Not established.
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### Benzyl acetate (140-11-4)

Partition coefficient n-octanol/water (Log Pow)	1.96
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### Citral (5392-40-5)

Partition coefficient n-octanol/water (Log Pow)	2.76 (at 25 °C)
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## 12.4. Mobility in soil

No additional information available

## 12.5. Results of PBT and vPvB assessment

No additional information available

## 12.6. Other adverse effects

Additional information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations	: Dispose of contents/container in accordance with local/national laws and regulations. Dispose in a safe manner in accordance with local/national regulations.
Additional information	: Handle empty containers with care because residual vapours are flammable.
Ecology - waste materials	: Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

### 14.1 UN number

UN-No. (ADR) : UN 3082

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UN-No. (IMDG) : UN 3082  
UN-No. (IATA) : UN 3082  
UN-No. (ADN) : UN 3082  
UN-No. (RID) : UN 3082

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
Proper Shipping Name (IATA) : Environmentally hazardous substance, liquid, n.o.s.  
Proper Shipping Name (ADN) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
Proper Shipping Name (RID) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
Transport document description (ADR) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Grapefruit oil), 9, III  
Transport document description (IMDG) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Grapefruit oil), 9, III, MARINE POLLUTANT  
Transport document description (IATA) : UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Grapefruit oil), 9, III  
Transport document description (ADN) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III  
Transport document description (RID) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : 9  
Danger labels (ADR) : 9



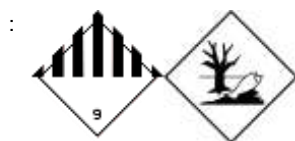
#### IMDG

Transport hazard class(es) (IMDG) : 9  
Danger labels (IMDG) : 9



#### IATA

Transport hazard class(es) (IATA) : 9  
Danger labels (IATA) : 9



#### ADN

Transport hazard class(es) (ADN) : 9  
Danger labels (ADN) : 9



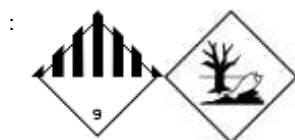
#### RID

Transport hazard class(es) (RID) : 9  
Danger labels (RID) : 9

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### 14.4. Packing group

Packing group (ADR)	: III
Packing group (IMDG)	: III
Packing group (IATA)	: III
Packing group (ADN)	: III
Packing group (RID)	: III

### 14.5. Environmental hazards

Dangerous for the environment	: Yes
Marine pollutant	: Yes
Other information	: No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR)	: M6
Special provisions (ADR)	: 274, 335, 375, 601
Limited quantities (ADR)	: 5L
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Special packing provisions (ADR)	: PP1
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP29
Tank code (ADR)	: LGBV
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13

Hazard identification number (Kemler No.)	: 90
Orange plates	:



#### Transport by sea

Special provisions (IMDG)	: 274, 335, 969
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP2, TP29
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-F
Stowage category (IMDG)	: A

#### Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L

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Special provisions (IATA) : A97, A158, A197  
ERG code (IATA) : 9L

### Inland waterway transport

Classification code (ADN) : M6  
Special provisions (ADN) : 274, 335, 375, 601  
Limited quantities (ADN) : 5 L  
Excepted quantities (ADN) : E1  
Carriage permitted (ADN) : T  
Equipment required (ADN) : PP  
Number of blue cones/lights (ADN) : 0

### Rail transport

Classification code (RID) : M6  
Special provisions (RID) : 274, 335, 375, 601  
Excepted quantities (RID) : E1  
Packing instructions (RID) : P001, IBC03, LP01, R001  
Special packing provisions (RID) : PP1  
Mixed packing provisions (RID) : MP19  
Portable tank and bulk container instructions (RID) : T4  
Portable tank and bulk container special provisions (RID) : TP1, TP29  
  
Tank codes for RID tanks (RID) : LGBV  
Transport category (RID) : 3  
Special provisions for carriage – Packages (RID) : W12  
Special provisions for carriage - Loading, unloading and handling (RID) : CW13, CW31  
  
Colis express (express parcels) (RID) : CE8  
Hazard identification number (RID) : 90

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

Reference code	Applicable on
3(a)	d-Limonene ; p-Mentha-1,4-diene ; Grapefruit oil ; Bergamot oil
3(b)	Salted Grapefruit #TCDL-CFRA-BOWL-NSGR ; d-Limonene ; p-Mentha-1,4-diene ; Citral ; Geraniol ; Citronellol Pure ; Grapefruit oil ; Clary sage oil ; Triplal (Vertocitral) ; Hexyl cinnamic aldehyde ; Amyl cinnamic aldehyde ; Nopyl acetate ; Amyl salicylate ; Iso E Super ; Cyclamal ; 2-Hydroxybenzoic acid, benzyl ester ; Bergamot oil ; Aldehyde C-10 ; Linalyl acetate ; Floralozone ; Terpeneol ; Linalool ; 2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol ; Hexyl salicylate
3(c)	Salted Grapefruit #TCDL-CFRA-BOWL-NSGR ; d-Limonene ; Grapefruit oil ; Clary sage oil ; Triplal (Vertocitral) ; Benzyl acetate ; Verdox ; Hexyl cinnamic aldehyde ; Amyl cinnamic aldehyde ; Nopyl acetate ; Amyl salicylate ; Verdyl acetate ; Iso E Super ; Hexamethylindanopyran ; Cyclamal ; 2-Hydroxybenzoic acid, benzyl ester ; Bergamot oil ; Aldehyde C-10 ; Floralozone ; Hexylsalicylate
40.	d-Limonene ; p-Mentha-1,4-diene ; Grapefruit oil ; Bergamot oil

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### 15.1.2. National regulations

No additional information available

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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

Other information : None.

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
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.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H361	Suspected of damaging fertility or the unborn child.
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.

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.