



## MSDS

in accordance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH), Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 and Commission Regulation (EU) No 2020/878 of 18 June 2020

### Fragrance Atlantic Fresh CFB 12700

No. EN 6

: 02.07.2025

: 07.07.2025

#### IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING:

##### 1.1. Product identifier:

###### MIXTURE IDENTIFICATION:

Product name	Fragrance Atlantic Fresh CFB 12700
Product number	12700

##### 1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST:

RECOMMENDED USE:	Aromatic ingredient for household chemicals and cosmetics. Manufacturing use only, not for direct consumption as such.
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USES ADVISED AGAINST:	Do not use in food.
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##### 1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

COMPETENT PERSON RESPONSIBLE FOR THE MATERIAL SAFETY DATA SHEET:	Forbury Supplies Ltd
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ADDRESS OF THE SUPPLIER:	22 Frieth Close, Earley, Reading, England, RG6 5UY
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TELEPHONE NUMBER OF THE SUPPLIER:	+447786555361
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E-MAIL:	forburysupplies@gmail.com
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##### 1.4. EMERGENCY CONTACTS:

###### IN CASE OF INTOXICATION:

UNITED KINGDOM - National Poisons Information Service  
(24 h service), phone: +44 (0) 844-892-0111  
(UK only);  
FOR OTHER EU COUNTRIES, please consult:  
[http://echa.europa.eu/help/nationalhelp\\_contact\\_en.asp](http://echa.europa.eu/help/nationalhelp_contact_en.asp)

#### SECTION 2 - HAZARDS IDENTIFICATION

##### 2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Classification according to regulation (EC) No 1272/2008 (CLP)

Product definition	Mixture
H412	Aquatic Chronic 3
H317	Skin Sens. 1
H315	Skin Irrit. 2

##### 2.2. LABEL ELEMENTS

###### Labelling according to Regulation (EC) (CLP)

Hazard pictograms:



Signal word

Warning

Hazard statements

H412

Harmful to aquatic life with long lasting effects.

H317 May cause an allergic skin reaction.

H315 Causes skin irritation.

**Precautionary statements (Prevention and Intervention)**

P273 Avoid release to the environment.

P261 Avoid breathing dust/fumes/gas/mist/vapours/spray. [As modified by IV ATP]

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection. [As modified by IV ATP]

P264 Wash thoroughly after handling.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

**SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS**

3.1 SUBSTANCES: Mixture of natural, nature identical and synthetic aromatic products.

3.2 MIXTURES: Mixture of natural and synthetic aromatic ingredients.

3.2 Hazardous components:

INGREDIENTS	%	CAS No. / EC No. Index No. / REACH No.	Classification REGULATION (EC) No 1272/2008
Propylene Glycol (IUPAC: PROPANE-1,2-DIOL )	<42%	CAS No. 57-55-6 EC No. 200-338-0 Index No. REACH No.01-2119456809-23-xxxx	
Hexyl Cinnamic Aldehyde Alpha (IUPAC: (2E)-2-(PHENYLMETHYLIDENE)OCTANAL )	<3,06%	CAS No. 101-86-0 165184-98-5 EC No. 202-983-3 Index No. REACH No.01-2119533092-50-xxxx	Aquatic Chronic 2:H411 Skin Sens. 1:H317 Aquatic Acute 1:H400 M=1 M Chr=1
D-Limonene (IUPAC: (4R)-1-METHYL-4-(PROP-1-EN-2-YL)CYCLOHEX-1-ENE )	<1,98%	CAS No. 5989-27-5 8028-48-6 EC No. 227-813-5 Index No.601-096-00-2 REACH No.01-2119529223-47-xxxx	Flam. Liq. 3:H226 Skin Sens. 1B:H317 Skin Irrit. 2:H315 Aquatic Acute 1:H400 Asp. Tox. 1 :H304 Aquatic Chronic 3 :H412 M=1
Linalyl Acetate (IUPAC: 3,7-DIMETHYLOCTA-1,6-DIEN-3-YL ACETATE )	<0,72%	CAS No. 115-95-7 EC No. 204-116-4 Index No. REACH No.01-2119454789-19-xxxx	Skin Sens. 1B:H317 Skin Irrit. 2:H315 Eye Irrit. 2:H319
Linalool (IUPAC: 3,7-DIMETHYLOCTA-1,6-DIEN-3-OL )	<0,72%	CAS No. 78-70-6 EC No. 201-134-4 Index No.603-235-00-2 REACH No.01-2119474016-42-xxxx	Skin Sens. 1B:H317 Skin Irrit. 2:H315 Eye Irrit. 2:H319
Vertenex (PTBCH Acetate) (IUPAC: 4-TERT-BUTYLCYCLOHEXYL ACETATE )	<0,63%	CAS No. 32210-23-4 EC No. 250-954-9 Index No. REACH No.01-2119976286-24-xxxx	Skin Sens. 1B:H317
Cyclamen Aldehyde (IUPAC: 2-METHYL-3-[4-(PROPAN-2-YL)PHENYL]PROPANAL )	<0,39%	CAS No. 103-95-7 EC No. 203-161-7 Index No. REACH No.01-2119970582-32-xxxx	Skin Sens. 1B:H317 Skin Irrit. 2:H315 Aquatic Chronic 3 :H412 M Chr=1
Amberwood F (Boisambrene Forte) (IUPAC: (ETHOXYMETHOXY)CYCLODODECANE )	<0,36%	CAS No. 58567-11-6 EC No. 261-332-1 Index No. REACH No.01-2119971571-34-xxxx	Aquatic Chronic 2:H411 Skin Sens. 1B:H317 Skin Irrit. 2:H315
Benzyl Acetate (IUPAC: BENZYL ACETATE )	<0,36%	CAS No. 140-11-4 EC No. 205-399-7 Index No. REACH No.01-2119638272-42-xxxx	Aquatic Chronic 3 :H412

Eucaliptol (IUPAC: 1,3,3-TRIMETHYL-2-OXABI CYCLO[2.2.2]OCTANE )	<0,36%	CAS No. 470-82-6 EC No. 207-431-5 Index No. REACH No.01-2119967772-24-xxxx	Flam. Liq. 3:H226 Skin Sens. 1B:H317
Pinene Beta (IUPAC: 6,6-DIMETHYL-2-METHYL ENEBICYCLO[3.1.1]HEPTA NE )	<0,36%	CAS No. 127-91-3 EC No. 204-872-5 Index No. REACH No.01-2119519230-54-xxxx	Aquatic Chronic 1:H410 Flam. Liq. 3:H226 Skin Sens. 1B:H317 Skin Irrit. 2:H315 Aquatic Acute 1:H400 Asp. Tox. 1 :H304 M=1
Cedar Leaf Oil	<0,36%	CAS No. 8007-20-3 90131-58-1 EC No. 290-370-1 Index No. REACH No.01-2120763401-62-xxxx	Aquatic Chronic 2:H411 Acute Tox. 4 ORAL H302 :H302 Flam. Liq. 3:H226 Skin Sens. 1B:H317 Skin Irrit. 2:H315 Asp. Tox. 1 :H304
Alcohol C-10 (IUPAC: DECAN-1-OL )	<0,31%	CAS No. 112-30-1 EC No. 203-956-9 Index No. REACH No.01-2119480407-35-xxxx	Eye Irrit. 2:H319 Aquatic Chronic 3 :H412
Aldehyde C-12 (Lauric) (IUPAC: DODECANAL )	<0,31%	CAS No. 112-54-9 EC No. 203-983-6 Index No. REACH No.01-2119969441-33-xxxx	Skin Sens. 1B:H317 Skin Irrit. 2:H315 Eye Irrit. 2:H319
Hydroxycitronellal (IUPAC: 7-HYDROXY-3,7-DIMETHY LOCTANAL )	<0,18%	CAS No. 107-75-5 EC No. 203-518-7 Index No. REACH No.01-2119973482-31-xxxx	Skin Sens. 1B:H317 Eye Irrit. 2:H319
Aldehyde C-12 (MNA) (IUPAC: 2-METHYLUDECANAL )	<0,13%	CAS No. 110-41-8 EC No. 203-765-0 Index No. REACH No.01-2119969443-29-xxxx	Aquatic Chronic 1:H410 Aquatic Chronic 2:H411 Skin Sens. 1B:H317 Skin Irrit. 2:H315 Aquatic Acute 1:H400 M=1 M Chr=1
Alpha-Terpinene (IUPAC: 1-METHYL-4-(PROPAN-2-Y L)CYCLOHEXA-1,3-DIENE )	<0,11%	CAS No. 99-86-5 EC No. 202-795-1 Index No.601-095-00-7 REACH No.01-2120766853-42-xxxx	Aquatic Chronic 2:H411 Skin Sens. 1:H317 Acute Tox. 4 ORAL H302 :H302 Flam. Liq. 3:H226 Eye Irrit. 2:H319 Asp. Tox. 1 :H304
Ethyl Acetate (IUPAC: ETHYL ACETATE )	<0,09%	CAS No. 141-78-6 EC No. 205-500-4 Index No. REACH No.01-2119475103-46-xxxx	Eye Irrit. 2:H319 Flam. Liq. 2:H225 STOT SE 3 (H336):H336
Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE )	<0,04%	CAS No. 118-58-1 EC No. 204-262-9 Index No. REACH No.01-2119969442-31-xxxx	Skin Sens. 1B:H317 Eye Irrit. 2:H319 Aquatic Chronic 3 :H412
Fixolide (Kevolid, Tonalid) (IUPAC: 1-(3,5,5,6,8,8-HEXAMETHY L-5,6,7,8-TETRAHYDRONA PHTHALEN-2-YL)ETHAN-1 -ONE )	<0,02%	CAS No. 21145-77-7 1506-02-1 EC No. 244-240-6/216-1 Index No. REACH No.01-2119539433-40-xxxx	Aquatic Chronic 1:H410 Acute Tox. 4 ORAL H302 :H302 Aquatic Acute 1:H400 M=1
Benzoic Aldehyde (Benzaldehyde) (IUPAC: BENZALDEHYDE )	< 0,01%	CAS No. 100-52-7 EC No. 202-860-4 Index No.605-012-00-5 REACH No. 01-2119455540-44-0000	Acute Tox. 4 ORAL H302 :H302
BHT (IUPAC: 2,6-DI-TERT-BUTYL-4-MET HYLPHENOL )	<0,01%	CAS No. 128-37-0 EC No. 204-881-4 Index No. REACH No. 01-2119555270-46-0000	Aquatic Chronic 1:H410 M Chr=1

**SECTION 4 - FIRST-AID MEASURES**

Inhalation

Move affected person to fresh air at once. Get medical attention if any discomfort continues

Ingestion	Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately.
Skin contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

General information	Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. See Section 11 for additional information on health hazards.
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#### 4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor No specific recommendations.

### SECTION 5 - FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing media:

Suitable extinguishing media	Extinguish with the following media: Foam, carbon dioxide or dry powder.
Unsuitable extinguishing media	Water.

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

Specific hazards	Toxic gases or vapours
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#### 5.3. Advice for firefighters

Protective actions during firefighting	Containers close to fire should be removed or cooled with water.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

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

Personal precautions	Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. No smoking, sparks, flames or other sources of ignition near spillage.
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#### 6.2. Environmental precautions

Environmental precautions	Do not discharge into drains or watercourses or onto the ground.
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#### 6.4. Reference to other sections

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Usage precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing.
Advice on general occupational hygiene	Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet.

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

Storage precautions	Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight
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#### 7.3. Specific end use(s)

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters:

INGREDIENT	CAS No	TWA, 8 hours
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Propylene Glycol (IUPAC: PROPAN	57-55-6	TWA= 7* mg/m <sup>3</sup>
Ethyl Acetate (IUPAC: ETHYL ACE	141-78-6	TWA= 200* mg/m <sup>3</sup>
Alcohol C-10 (IUPAC: DECAN-1-O	112-30-1	TWA= 10* mg/m <sup>3</sup>
Benzyl Acetate (IUPAC: BENZYL A	140-11-4	TWA= 5* mg/m <sup>3</sup>
Benzoic Aldehyde (Benzaldehyde)	100-52-7	TWA= 5* mg/m <sup>3</sup>

ADDITIONAL INFORMATION: Information valid at the time of review of safety data sheet.

## 8.2. EXPOSURE CONTROLS:

**ENGINEERING MEASURES:** Comply with standard precautionary measures for working with chemicals. See Directive 2004/37/EG on the protection of workers from the risks related to exposure to carcinogens or mutagens at work. **HYGIENIC MEASURES:** When using do not eat, drink or smoke.

GENERAL PROTECTIVE AND HYGIENIC MEASURES:	Avoid contact with the eyes. Wash hands during work breaks and at the end of the shift. Provide skin protection plan.
RESPIRATORY PROTECTION:	Avoid excessive inhalation of concentrated vapors. Ensure adequate ventilation. If workers are exposed to high concentrations, they must use appropriate, certified respirators. Wear suitable respiratory protection in case of large scale exposure. Suitable facemask in accordance with EN 140.
BODY PROTECTION:	Protective clothing. Safety showers should be available in the immediate vicinity of any potential exposure. Wear appropriate protective clothing, overalls or suit, and similar boots in accordance with EN 365/367.
EYE PROTECTION:	Wear appropriate safety glasses with side shields, in accordance with EN 166, when there is danger of possible eye contact. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.
Hygiene measures	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.
HAND PROTECTION:	Chemical protective gloves according to DIN EN 374 with CE-labelling. Suitable material - nitril. 0.13 mm. Indication of permeation breakthrough time – 1 hour. Check the condition of protective gloves after each use for any damages like holes, cuts or tears. Do not wear protective gloves longer than necessary. After use of gloves apply skin-cleaning agents and skin cosmetics. Gloves for mechanical protection do not provide protection against chemicals.
RISK MANAGEMENT MEASURES:	The operators shall be instructed adequately. The workplace shall be inspected regularly by competent personnel e.g. the safety representative.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Homogeneous transparent liquid , opalescence is allowed.
AUTOIGNITION TEMPERATURE:	No spontaneous combustion
BOILING POINT:	No data available
COLOUR:	From colorless to brown
DECOMPOSITION TEMPERATURE:	No data available
DENSITY, 20 °C:	0.9 – 1.6 g/cm <sup>3</sup>

FLASH POINT:	> 61 °C
FREEZING POINT:	No data available
FREEZING POINT:	No data available
KINEMATIC VISCOSITY:	No data available
LOWER AND UPPER EXPLOSIVE LIMITS:	Not explosive
MELTING POINT/MELTING RANG:	< 0 °C
ODOUR:	Fragrance description
PARTITION COEFFICIENT N OCTANOL/WATER (LOG MEAN):	No data available
pH:	No data available
RELATIVE VAPOR DENSITY:	No data available
SOLUBILITY IN ALCOHOL:	Soluble
SOLUBILITY IN WATER:	Limited solubility
VAPOR PRESSURE:	No data available

## SECTION 10: STABILITY AND REACTIVITY

10.1. REACTIVITY:	The product is stable and relatively inert under normal conditions of use, storage and transport.
10.2. CHEMICAL STABILITY:	Under the conditions of use specified in Section 7, the product is stable.
10.3. POSSIBILITY OF HAZARDOUS REACTION:	Under normal conditions of use, there is no information on dangerous reactions.
10.4. CONDITIONS TO AVOID:	Contact with incompatible materials.
10.5. INCOMPATIBLE MATERIALS:	Strong acids, strong bases, strong oxidants.
10.6. HAZARDOUS DECOMPOSITION PRODUCTS:	No decomposition product of storage and handling conditions are followed. In case of fire, hazardous gases may form.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### INHALATION

Acute toxicity:	No data available
Corrosion/irritation:	Not classified – based on available data, the classification criteria are not met.
Sensitisation:	Does not contain substances classified as respiratory sensitizer. Not classified – based on available data, the classification criteria are not met.
Carcinogenicity:	Does not contain carcinogenic substances. Not classified – based on available data, the classification criteria are not met.
Mutagenicity:	Does not contain mutagenic substances. Not classified – based on available data, the classification criteria are not met.

#### SKIN CONTACT:

Acute toxicity:	No data available
Corrosion/irritation:	Not classified – based on available data, the classification criteria are not met.
Sensitisation:	Does not contain substances classified as respiratory sensitizer. Not classified – based on available data, the classification criteria are not met.
Carcinogenicity:	Does not contain carcinogenic substances. Not classified – based on available data, the classification criteria are not met.

Mutagenicity:	Does not contain mutagenic substances. Not classified – based on available data, the classification criteria are not met.
EYE CONTACT:	
Corrosion/irritation:	No data available
INGESTION:	
Acute toxicity:	No data available
Corrosion/irritation:	May cause a feeling of sickness, vomiting and diarrhoea.
Sensitisation:	Does not contain carcinogenic substances. Not classified – based on available data, the classification criteria are not met.
Carcinogenicity:	Does not contain carcinogenic substances. Not classified – based on available data, the classification criteria are not met.
Mutagenicity:	Does not contain mutagenic substances. Not classified – based on available data, the classification criteria are not met.
Reprotoxicity:	Not expected to be reprotoxic. Not classified – based on available data, the classification criteria are not met. Fertility: Not classified – based on available data, the classification criteria are not met.
11.2. PRIMARY IRRITANT EFFECT:	No data available
11.2.1 ENDOCRINE DISRUPTING PROPERTIES:	Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE ), Fixolide (Kevolid, Tonalid) (IUPAC: 1-(3,5,5,6,8,8-HEXAMETHYL-5,6,7,8-TETRAHYDRONAPHTHALEN-2-YL)ETHAN-1-ONE ), BHT (IUPAC: 2,6-DI-TERT-BUTYL-4-METHYLPHENOL )
11.3. SENSITISATION:	Classified as Sensitisation — Skin, hazard category 1.
11.4 CHRONIC EFFECT:	Classified as Hazardous to the aquatic environment — Chronic Category 3.
11.5 TARGET ORGANS:	Does not have any classifiable toxicity.
11.6. CARCINOGENICITY:	Does not have any classifiable toxicity.
11.7. MUTAGENICITY:	Does not have any classifiable toxicity.
11.8. REPROTOXICITY:	Does not have any classifiable toxicity.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. TOXICITY:

**No ecotoxicological research has been carried out on this product.**

### Ecotoxicity - Toxic to aquatic organisms:

Ingredients Toxicity:

AQUATIC TOXICITY:

Propylene Glycol (IUPAC: PROPANE-1,2-DIOL )	
57-55-6	
EC50/72H	21,75 g/l(Algae)
EC50/48 H	26,55 g/l(Algae)
LC50/48 H	18,34 g/l(Aquatic invertebrates)
LC50/96 H	18,8 g/l(Aquatic invertebrates)
Hexyl Cinnamic Aldehyde Alpha (IUPAC: (2E)-2-(PHENYLMETHYLIDENE)OCTANAL )	
101-86-0 165184-98-5	
EC50/72H	65 (Algae)
EC50/48 H	475 (Aquatic invertebrates)
LC50/96 H	1,7 mg/l(Fish)
D-Limonene (IUPAC: (4R)-1-METHYL-4-(PROP-1-EN-2-YL)CYCLOHEX-1-ENE )	

5989-27-5 8028-48-6	
EC50/72H	320 mg/l(Aquatic algae and cyanoba)
EC50/48 H	250 mg/l(Aquatic algae and cyanoba)
EC50/48 H	250 (Algae)
EC50/48 H	408,5 mg/l(Aquatic invertebrates)
EC50/48 H	510 mg/l(Aquatic invertebrates)
EC50/24H	840 mg/l(Aquatic invertebrates)
EC50/21days	188 mg/l(Aquatic invertebrates)
LC50/96 H	590 mg/l(Fish)
EC50/96 H	695 (Fish)
LC50/96 H	720 mg/l(Fish)
EC50/96 H	702 mg/l(Fish)
Linalyl Acetate (IUPAC: 3,7-DIMETHYLOCTA-1,6-DIEN-3-YL ACETATE )	
115-95-7	
EC50/96 H	88,3 mg/l(Aquatic algae and cyanoba)
EC50/48 H	59 mg/l(Aquatic invertebrates)
EC50/24H	71 mg/l(Aquatic invertebrates)
EC50/24H	71 mg/l(Aquatic invertebrates)
LC50/96 H	11 mg/l(Fish)
LC50/96 H	11 mg/l(Fish)
LC50/	11,14 mg/l(Fish)
EC50/48 H	59 mg/l(Fish)
Linalool (IUPAC: 3,7-DIMETHYLOCTA-1,6-DIEN-3-OL )	
78-70-6	
EC50/96 H	122,5 mg/l(Algae)
EC50/96 H	59 mg/l(Aquatic invertebrates)
LC50/96 H	27,8 mg/l(Fish)
LC50/72H	27,8 mg/l(Fish)
LC50/48 H	27,8 mg/l(Fish)
Vertenex (PTBCH Acetate) (IUPAC: 4-TERT-BUTYLCYCLOHEXYL ACETATE )	
32210-23-4	
EC50/72H	22 mg/l(Algae)
EC50/48 H	5,3 mg/l(Aquatic invertebrates)
LC50/96 H	8,6 mg/l(Fish)
Cyclamen Aldehyde (IUPAC: 2-METHYL-3-[4-(PROPAN-2-YL)PHENYL]PROPANAL )	
103-95-7	
EC50/72H	2,7 mg/l(Algae)
EC50/96 H	2,7 mg/l(Algae)
EC50/48 H	1,4 mg/l(Aquatic invertebrates)
LC50/96 H	1,092 mg/l(Fish)
Amberwood F (Boisambrene Forte) (IUPAC: (ETHOXYMETHOXY)CYCLODODECANE )	
58567-11-6	
EC50/72H	2 mg/l(Aquatic algae and cyanoba)
EC50/48 H	1,6 mg/l(Aquatic invertebrates)
LC50/96 H	1,9 mg/l(Fish)
Benzyl Acetate (IUPAC: BENZYL ACETATE )	
140-11-4	
EC50/72H	101 mg/l(Algae)
EC50/48 H	17 mg/l(Aquatic invertebrates)



LC50/96 H	4 mg/l(Fish)
Eucaliptol (IUPAC: 1,3,3-TRIMETHYL-2-OXABICYCLO[2.2.2]OCTANE )	
470-82-6	
EC50/72H	74 mg/l(Algae)
EC50/96 H	87 mg/l(Algae)
EC50/48 H	100 mg/l(Aquatic invertebrates)
LC50/96 H	57 mg/l(Fish)
Pinene Beta (IUPAC: 6,6-DIMETHYL-2-METHYLENEBICYCLO[3.1.1]HEPTANE )	
127-91-3	
LC50/72H	700 (Algae)
EC50/72H	700 (Algae)
LC50/48 H	826 (Algae)
LC50/48 H	1,09 mg/l(Aquatic invertebrates)
EC50/48 H	1,25 mg/l(Aquatic invertebrates)
LC50/96 H	591 (Fish)
EC50/96 H	502 (Fish)
LC50/96 H	0,502 mg/l(Fish Pimephales promelas)
Cedar Leaf Oil	
8007-20-3 90131-58-1	
EC50/96 H	3,24 mg/l(Aquatic algae and cyanoba)
EC50/48 H	1,7 mg/l(Aquatic invertebrates)
Alcohol C-10 (IUPAC: DECAN-1-OL )	
112-30-1	
EC50/72H	1,5 mg/l(Algae)
LC50/96 H	3,1 mg/l(Aquatic invertebrates)
LC50/96 H	2,4 mg/l(Fish)
Aldehyde C-12 (Lauric) (IUPAC: DODECANAL )	
112-54-9	
EC50/72H	350 (Aquatic algae and cyanoba)
EC50/48 H	480 (Aquatic invertebrates)
LC50/96 H	2,6 mg/l(Fish)
Hydroxycitronellal (IUPAC: 7-HYDROXY-3,7-DIMETHYLOCTANAL )	
107-75-5	
EC50/72H	123,32 mg/l(Algae)
EC50/48 H	410 mg/l(Aquatic invertebrates)
Aldehyde C-12 (MNA) (IUPAC: 2-METHYLUNDECANAL )	
110-41-8	
EC50/72H	110 (Algae)
EC50/48 H	210 (Aquatic invertebrates)
LC50/96 H	350 (Fish)
LC50/72H	350 (Fish)
LC50/48 H	460 (Fish)
LC50/24H	460 (Fish)
Alpha-Terpinene (IUPAC: 1-METHYL-4-(PROPAN-2-YL)CYCLOHEXA-1,3-DIENE )	
99-86-5	
EC50/48 H	1,7 mg/l(Aquatic invertebrates)
EC50/48 H	1,7 mg/l(Aquatic invertebrates)
LC50/96 H	3,15 mg/l(Fish)
EC50/96 H	1,48 mg/l(Fish)
Ethyl Acetate (IUPAC: ETHYL ACETATE )	
141-78-6	

EC50/48 H	5,6 g/l(Algae)
LC50/96 H	230 mg/l(Fish)
EC50/96 H	220 mg/l(Fish)
<b>Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE )</b>	
<b>118-58-1</b>	
EC50/72H	1,29 mg/l(Aquatic algae and cyanoba)
LC50/48 H	2,25 mg/l(Aquatic invertebrates)
EC50/48 H	1,16 mg/l(Aquatic invertebrates)
LC50/24H	4,34 mg/l(Aquatic invertebrates)
EC50/24H	1,21 mg/l(Aquatic invertebrates)
LC50/96 H	1,03 mg/l(Fish)
<b>Fixolide (Kevolid, Tonalid) (IUPAC: 1-(3,5,5,6,8,8-HEXAMETHYL-5,6,7,8-TETRAHYDRONAPHTHALEN-2-YL)ETHAN-1-ONE )</b>	
<b>21145-77-7 1506-02-1</b>	
EC50/72H	625 µg/L(Aquatic algae and cyanoba)
EC50/72H	800 µg/L(Aquatic invertebrates)
LC50/96 H	1,49 mg/l(Fish)
<b>Benzoic Aldehyde (Benzaldehyde) (IUPAC: BENZALDEHYDE )</b>	
<b>100-52-7</b>	
EC50/72H	33,1 mg/l(Aquatic algae and cyanoba)
EC50/48 H	19,7 mg/l(Aquatic invertebrates)
EC50/24H	50 mg/l(Aquatic invertebrates)
EC50/24H	50 mg/l(Aquatic invertebrates)
LC50/96 H	13,8 mg/l(Fish)
LC50/96 H	1,07 mg/l(Fish)
<b>BHT (IUPAC: 2,6-DI-TERT-BUTYL-4-METHYLPHENOL )</b>	
<b>128-37-0</b>	
EC50/72H	5 120 µg/L(Algae)
EC50/96 H	758 µg/L(Algae)
LC50/96 H	384,5 µg/L(Fish)

**12.2. PERSISTENCE AND DEGRADABILITY:**

May cause long-term adverse effects in the aquatic environment.

**ASSESSMENT**

No data available

**BIODEGRADATION AND ELIMINATION:****12.3. BIOACCUMULATIVE POTENTIAL**

No further relevant information available. Low potential for bioaccumulation: logPow&gt;4 (log Powcalculated = 93,832)

INGREDIENT	CAS №	Partition Coefficient
Propylene Glycol (IUPAC: PROPANE-1,2-DIOL)	57-55-6	1,0122

**12.4. MOBILITY IN SOIL:**

No data available

**GENERAL NOTES:****12.5. RESULTS OF PBT UN vPvB ASSESSMENT:**

This mixture does not contain substances that meet the PBT or vPvB criteria of REACH, annex XIII.

**12.6. ENDOCRINE DISRUPTING PROPERTIES:**

Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE ), Fixolide (Kevolid, Tonalid) (IUPAC: 1-(3,5,5,6,8,8-HEXAMETHYL-5,6,7,8-TETRAHYDRONAPHTHALEN-2-YL)ETHAN-1-ONE ), BHT (IUPAC: 2,6-DI-TERT-BUTYL-4-METHYLPHENOL )

**12.7. OTHER ADVERSE EFFECTS:****Global Warming Potential**

Do not may contribute to the greenhouse effect.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1. WASTE TREATMENT  
METHODS:****Dispose of in accordance with local and national regulations.**

Product residues: Do not pour residues into the municipal sewage system.  
 Additional warning: None.  
 European waste catalogue: Dispose of according to directives: 2008/98/ES; 94/62/ES ;  
 2014/955/EU; 2008/98/ES .

EUROPEAN WASTE CATALOGUE	
EWCODE	Description
07	Wastes from organic chemical processes:
	wastes from the MFSU of fine chemicals and chemical products not
07 07	otherwise specified
07 07 99	wastes not otherwise specified
	absorbents, filter materials (including oil filters not otherwise specified),
15 02 02*	wiping cloths, protective clothing contaminated by hazardous substances

CONTAMINATED PACKAGING: Hand over the packaging left after use to the person responsible for the disposal of hazardous waste.

RECOMMENDATION: Avoid release to the environment.

**SECTION 14. TRANSPORT INFORMATION:**

14.1. UN number UN 3082  
 14.2. UN proper shipping name UN 3082 Environmentally hazardous substance, liquid, N.O.S. (Allyl Heptanoate, 7-Acetyl-1,1,3,4,4,6-Hexamethyletrialine)  
 14.3. TRANSPORT HAZARD CLASS (ES): 9  
 ADR, IATA, IMDG CLASS  
 DANGER LABEL: 9  
 14.4. PACKING GROUP: III  
 ADR, IATA, IMD  
 14.5. ENVIRONMENTAL HAZARDS: Yes  
 MARINE POLLUTANT  
 14.6. SPECIAL PRECAUTIONS FOR USER: Read MSDS and emergency procedures before handling  
 14.7. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE: Not established.  
 Packaged liquids are not considered bulk.

**SECTION 15: REGULATORY INFORMATION**

**15.1. SAFETY, HEALTH AND  
ENVIRONMENTAL  
REGULATIONS/LEGISLATION  
SPECIFIC FOR  
THE SUBSTANCE OR  
MIXTURE:**

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. DIRECTIVE 2006/11/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 15 February 2006 on pollution caused by certain dangerous substances discharged into the aquatic environment of the Community. REGULATION (EC) No 1272/2008 (CLP) of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

**INFORMATION ABOUT  
LIMITATION OF USE:**

Take note of Directive 94/33/EC on the protection of young people at work.  
Take note of Directive 92/85/EC on the safety and health of pregnant women at work.

**15.2. CHEMICAL SAFETY  
ASSESSMENT:**

Not applicable.

**Full text of the classifications, including the indication of danger, the hazard symbols and the hazard statements, mentioned in section 2 or 3:**

**Revisions are mentioned by a black stroke in left margin.**

**ABBREVIATIONS AND ACRONYMS:**

PBT:	Persistent, bioaccumulative, toxic
vPvB:	Very persistent, very bioaccumulative
EC:	European Inventory of Existing Commercial Chemical Substances
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
ADR:	European Agreement concerning the International Carriage of Dangerous Goods
IATA:	International Air Transport Association
IMDG:	International Maritime Code for Dangerous Goods
LC50:	Median (50 %) lethal concentration
LD50:	Median (50%) lethal dose
EC50:	Effective concentration, 50 percent
CLP:	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and Mixtures
ECHA:	European Chemicals Agency, Helsinki ( <a href="http://echa.europa.eu/home_en.asp">http://echa.europa.eu/home_en.asp</a> )
TWA:	Time Weighted Average
IBC code:	International Bulk Chemical Code
MARPOL:	International Convention for the Prevention of Pollution From Ships
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
UN:	United Nations
ATE:	Acute Toxicity Estimate

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