

## SAFETY DATA SHEET

# Evolution Air Freshener

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

### 1.1. Product identifier

Trade name

Evolution Air Freshener

Product no.

EV7

Unique formula identifier (UFI)

8FA1-T027-T004-JDY5

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

Relevant identified uses of the substance or mixture

Cleaning product

Restricted to professional users.

Use descriptors (REACH)

Product category	Description
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PC 35	Washing and Cleaning Products (including solvent based products)
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PC 3	Air care products
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Uses advised against

None known.

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

Company and address

**Cleenol Group Ltd.**

Neville House, Beaumont Road, Banbury, Oxon,

OX16 1RB

United Kingdom

Tel: +44(0) 1295 251 721

www.cleenol.com

E-mail

technical.enquiries@cleenol.co.uk

Revision

18/08/2023

SDS Version

1.0

### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

## SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

### 2.1. Classification of the substance or mixture

Flam. Liq. 3; H226, Flammable liquid and vapour.

Acute Tox. 4; H302, Harmful if swallowed.

Eye Dam. 1; H318, Causes serious eye damage.

Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

### 2.2. Label elements

Hazard pictogram(s)

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## Signal word

Danger

## Hazard statement(s)

Flammable liquid and vapour. (H226)  
Harmful if swallowed. (H302)  
Causes serious eye damage. (H318)  
Harmful to aquatic life with long lasting effects. (H412)

## Precautionary statement(s)

### General

-

### Prevention

Wash hands and exposed skin thoroughly after handling. (P264)  
Wear eye protection/protective gloves. (P280)

### Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing. (P305+P351+P338)  
Immediately call a POISON CENTER/doctor. (P310)

### Storage

Store in a well-ventilated place. Keep cool. (P403+P235)

### Disposal

Dispose of contents/container in accordance with local regulation  
(P501)

## Hazardous substances

Alcohols, C12-14, ethoxylated  
Acetyl Hexamethyl Tetralin  
bronopol (INN)

## Additional labelling

EUH208, Contains Tetramethyl Acetyloctahydronaphthalenes, 4-tert-butylcyclohexyl acetate, Linalool, Benzyl salicylate,  $\alpha$ -hexylcinnamaldehyde. May produce an allergic reaction.  
UFI: 8FA1-T027-T004-JDY5

## 2.3. Other hazards

### Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.  
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Alcohols, C12-14, ethoxylated	CAS No.: 68439-50-9 EC No.: 500-213-3 UK-REACH: Index No.:	25-40%	Acute Tox. 4, H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412	[19]
ethanol	CAS No.: 64-17-5 EC No.: 200-578-6 UK-REACH: Index No.: 603-002-00-5	10-15%	Flam. Liq. 2, H225	
Linalool	CAS No.: 78-70-6 EC No.: 201-134-4 UK-REACH:	<1%	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	[9]

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	Index No.: 603-235-00-2			
Benzyl salicylate	CAS No.: 118-58-1 EC No.: 204-262-9 UK-REACH: Index No.:	<1%	Skin Sens. 1B, H317 Eye Irrit. 2, H319 Aquatic Chronic 3, H412	[9]
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	CAS No.: 1222-05-5 EC No.: 214-946-9 UK-REACH: Index No.: 603-212-00-7	<1%	Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	
Tetramethyl Acetyloctahydronaphthalenes	CAS No.: 54464-57-2 EC No.: 259-174-3 UK-REACH: Index No.:	<0.25%	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410 (M=1)	
4-tert-butylcyclohexyl acetate	CAS No.: 32210-23-4 EC No.: 250-954-9 UK-REACH: Index No.:	<0.25%	Skin Sens. 1B, H317	
Acetyl Hexamethyl Tetralin	CAS No.: 1506-02-1 EC No.: 216-133-4 UK-REACH: Index No.:	<0.25%	Acute Tox. 4, H302 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	
α-hexylcinnamaldehyde	CAS No.: 101-86-0 EC No.: 202-983-3 UK-REACH: Index No.:	<0.25%	Skin Sens. 1B, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 2, H411	[9]
bronopol (INN)	CAS No.: 52-51-7 EC No.: 200-143-0 UK-REACH: Index No.: 603-085-00-8	<0.25%	Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 2, H411	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

[9] Identified by EU as one of 26 specific fragrance ingredients, known to cause allergic contact dermatitis (Regulation (EC) No 1223/2009 on cosmetic products)

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

#### Skin contact

IF ON SKIN: Wash with plenty of water/water and soap.

Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

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## Eye contact

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

## Ingestion

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

## Burns

Rinse with water until pain stops then continue to rinse for 30 minutes.

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

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact.

Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

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

IF exposed or concerned:

Get immediate medical advice/attention.

## Information to medics

Bring this safety data sheet or the label from this product.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Flammable liquid and vapour.

In use may form flammable/explosive vapour-air mixture.

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

## SECTION 6: Accidental release measures

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

Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

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

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Ground and bond container and receiving equipment.

Use explosion-proof [electrical/lighting/ventilating] equipment.

Use non-sparking tools.

Take action to prevent static discharges.

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Take action to prevent static discharges.

Must be stored in a cool and well-ventilated area, away from possible sources of ignition.

#### Recommended storage material

Keep only in original packaging.

#### Storage temperature

5 - 30°C

Dry, cool and well ventilated

#### Incompatible materials

Strong oxidizing agents

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

ethanol

Long term exposure limit (8 hours) (ppm): 1000

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 1920

Diethyl phthalate

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 5

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 10

Propane-1,2-diol

Long term exposure limit (8 hours) (ppm): 150(total)

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 474(total)/10(particulates)

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.  
EH40/2005 Workplace exposure limits (Fourth Edition 2020).

### DNEL

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	22 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	36.7 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	4 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	13.5 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	2.3 mg/kg bw/day

Acetyl Hexamethyl Tetralin

Duration:	Route of exposure:	DNEL:
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Long term – Systemic effects - General population	Dermal	305 µg/kgbw/day
Long term – Systemic effects - Workers	Dermal	610 µg/kgbw/day
Long term – Systemic effects - General population	Inhalation	43.5 µg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	175 µg/m <sup>3</sup>
Short term – Systemic effects - General population	Inhalation	131 µg/m <sup>3</sup>
Short term – Systemic effects - Workers	Inhalation	525 µg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	12.5 µg/kgbw/day
Short term – Systemic effects - General population	Oral	1.2 mg/kg bw/day

## Alcohols, C12-14, ethoxylated

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	66.7 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	187 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	3.48 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	19.6 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	1.33 mg/kg bw/day

## Benzyl salicylate

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	790 µg/kgbw/day
Long term – Systemic effects - Workers	Dermal	2.21 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	1.37 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	7.8 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	790 µg/kgbw/day

## bronopol (INN)

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Dermal	4 µg/cm <sup>2</sup>
Long term – Local effects - Workers	Dermal	8 µg/cm <sup>2</sup>
Long term – Systemic effects - General population	Dermal	700 µg/kgbw/day
Long term – Systemic effects - Workers	Dermal	2 mg/kg bw/day
Short term – Local effects - General population	Dermal	4 µg/cm <sup>2</sup>
Short term – Local effects - Workers	Dermal	8 µg/cm <sup>2</sup>
Short term – Systemic effects - General population	Dermal	2.1 mg/kg bw/day
Short term – Systemic effects - Workers	Dermal	6 mg/kg bw/day
Long term – Local effects - General population	Inhalation	600 µg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	2.5 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Inhalation	600 µg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	3.5 mg/m <sup>3</sup>
Short term – Local effects - General population	Inhalation	600 µg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	2.5 mg/m <sup>3</sup>
Short term – Systemic effects - General population	Inhalation	1.8 mg/m <sup>3</sup>
Short term – Systemic effects - Workers	Inhalation	10.5 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	180 µg/kgbw/day
Short term – Systemic effects - General population	Oral	500 µg/kgbw/day

## Diethyl phthalate

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<b>Duration:</b>	<b>Route of exposure:</b>	<b>DNEL:</b>
Long term – Systemic effects - General population	Dermal	7.5 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	15 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	2.6 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	10.56 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	750 µg/kgbw/day

## ethanol

<b>Duration:</b>	<b>Route of exposure:</b>	<b>DNEL:</b>
Long term – Systemic effects - General population	Dermal	206 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	343 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	114 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	380 mg/m <sup>3</sup>
Short term – Local effects - General population	Inhalation	950 mg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	1900 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	87 mg/kg bw/day

## Linalool

<b>Duration:</b>	<b>Route of exposure:</b>	<b>DNEL:</b>
Long term – Local effects - General population	Dermal	1.5 mg/cm <sup>2</sup>
Long term – Local effects - Workers	Dermal	3 mg/cm <sup>2</sup>
Long term – Systemic effects - General population	Dermal	1.25 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	3.5 mg/kg bw/day
Short term – Local effects - General population	Dermal	1.5 mg/cm <sup>2</sup>
Short term – Local effects - Workers	Dermal	3 mg/cm <sup>2</sup>
Long term – Systemic effects - General population	Inhalation	4.33 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	24.58 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	2.49 mg/kg bw/day

## Propane-1,2-diol

<b>Duration:</b>	<b>Route of exposure:</b>	<b>DNEL:</b>
Long term – Local effects - General population	Inhalation	10 mg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	10 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Inhalation	50 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	168 mg/m <sup>3</sup>

## PNEC

### 1,3,4,6,7,8-hexahydro-4,6,6,7,8-hexamethylindeno[5,6-c]pyran

<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Freshwater		6.8 µg/L
Freshwater sediment		2 mg/kg
Marine water		440 ng/L
Marine water sediment		394 µg/kg
Predators		20.4 mg/kg
Sewage treatment plant		1 mg/L
Soil		1.5 mg/kg

## 4-tert-butylcyclohexyl acetate

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<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Freshwater		5.3 µg/L
Freshwater sediment		2.01 mg/kg
Intermittent release (freshwater)		53 µg/L
Marine water		530 ng/L
Marine water sediment		210 µg/kg
Predators		66.67 mg/kg
Sewage treatment plant		12.2 mg/L
Soil		420 µg/kg
<b>Acetyl Hexamethyl Tetralin</b>		
<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Freshwater		2.2 µg/L
Freshwater sediment		1.72 mg/kg
Intermittent release (freshwater)		6.1 µg/L
Marine water		220 ng/L
Marine water sediment		345 µg/kg
Predators		1.1 mg/kg
Sewage treatment plant		2.2 mg/L
Soil		9.9 µg/kg
<b>Alcohols, C12-14, ethoxylated</b>		
<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Freshwater		3.4 µg/L
Freshwater sediment		89.5 µg/kg
Intermittent release (freshwater)		445 ng/L
Intermittent release (marine water)		44.5 ng/L
Marine water		340 ng/L
Marine water sediment		8.95 µg/kg
Sewage treatment plant		200 µg/L
Soil		16 µg/kg
<b>Benzyl salicylate</b>		
<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Freshwater		1.03 µg/L
Freshwater sediment		583 µg/kg
Intermittent release (freshwater)		10.3 µg/L
Marine water		103 ng/L
Marine water sediment		58.3 µg/kg
Predators		52.7 mg/kg
Sewage treatment plant		10 mg/L
Soil		1.41 mg/kg
<b>bronopol (INN)</b>		
<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Freshwater		10 µg/L
Freshwater sediment		41 µg/kg



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Intermittent release (freshwater)		2.5 µg/L
Marine water		800 ng/L
Marine water sediment		3.28 µg/kg
Sewage treatment plant		430 µg/L
Soil		500 µg/kg
<b>Diethyl phthalate</b>		
<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Freshwater		12 µg/L
Freshwater sediment		137 µg/kg
Intermittent release (freshwater)		120 µg/L
Marine water		1.2 µg/L
Marine water sediment		13.7 µg/kg
Predators		33 mg/kg
Sewage treatment plant		2 mg/L
Soil		137 µg/kg
<b>ethanol</b>		
<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Freshwater		960 µg/L
Freshwater sediment		3.6 mg/kg
Intermittent release (freshwater)		2.75 mg/L
Marine water		790 µg/L
Marine water sediment		2.9 mg/kg
Predators		380-720 mg/kg
Sewage treatment plant		580 mg/L
Soil		630 µg/kg
<b>Linalool</b>		
<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Freshwater		200 µg/L
Freshwater sediment		2.22 mg/kg
Intermittent release (freshwater)		2 mg/L
Marine water		20 µg/L
Marine water sediment		222 µg/kg
Predators		7.8 mg/kg
Sewage treatment plant		10 mg/L
Soil		327 µg/kg
<b>Propane-1,2-diol</b>		
<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Freshwater		260 mg/L
Freshwater sediment		572 mg/kg
Intermittent release (freshwater)		183 mg/L
Marine water		26 mg/L
Marine water sediment		57.2 mg/kg
Sewage treatment plant		20 g/L

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Soil

50 mg/kg

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

### Exposure scenarios

There are no exposure scenarios implemented for this product.

### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

### Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

## Individual protection measures, such as personal protective equipment

### Generally

Use only UKCA marked protective equipment.

### Respiratory Equipment

Type	Class	Colour	Standards
Respiratory protection is not needed in the event of adequate ventilation.			

### Skin protection

Recommended	Type/Category	Standards
No special when used as intended.	-	-

### Hand protection

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
In the event of prolonged exposure or high concentrations	Butyl	0,3	> 120	EN374-2, EN374-3, EN388



### Eye protection

Type	Standards
Safety glasses	EN166



## SECTION 9: Physical and chemical properties

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

#### Physical state

Liquid

#### Colour

Orange

#### Odour / Odour threshold

## Of perfume

### pH

6 - 8

### Density (g/cm<sup>3</sup>)

-

### Relative density

0.996 (20 °C)

### Kinematic viscosity

Testing not relevant or not possible due to the nature of the product.

### Particle characteristics

Does not apply to liquids.

## Phase changes

### Melting point/Freezing point (°C)

Testing not relevant or not possible due to the nature of the product.

### Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

### Boiling point (°C)

Testing not relevant or not possible due to the nature of the product.

### Vapour pressure

Testing not relevant or not possible due to the nature of the product.

### Relative vapour density

Testing not relevant or not possible due to the nature of the product.

### Decomposition temperature (°C)

Testing not relevant or not possible due to the nature of the product.

## Data on fire and explosion hazards

### Flash point (°C)

34

### Flammability (°C)

The material is ignitable.

### Auto-ignition temperature (°C)

Testing not relevant or not possible due to the nature of the product.

### Lower and upper explosion limit (% v/v)

Testing not relevant or not possible due to the nature of the product.

## Solubility

### Solubility in water

Very soluble

### n-octanol/water coefficient

Testing not relevant or not possible due to the nature of the product.

### Solubility in fat (g/L)

Testing not relevant or not possible due to the nature of the product.

## 9.2. Other information

### Other physical and chemical parameters

No data available.

### Oxidizing properties

Testing not relevant or not possible due to the nature of the product.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Storage in the open is not recommended.

Mechanical influences (e.g. Shock, pressure, impact, friction). Fire, sparks or other ignition sources.

### 10.5. Incompatible materials

Strong oxidizing agents

#### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

##### Acute toxicity

Harmful if swallowed.

##### Skin corrosion/irritation

Based on available data, the classification criteria are not met.

##### Serious eye damage/irritation

Causes serious eye damage.

##### Respiratory sensitisation

Based on available data, the classification criteria are not met.

##### Skin sensitisation

This product contains substances that may trigger an allergic reaction in already sensitized persons.

##### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

##### Carcinogenicity

Based on available data, the classification criteria are not met.

##### Reproductive toxicity

Based on available data, the classification criteria are not met.

##### STOT-single exposure

Based on available data, the classification criteria are not met.

##### STOT-repeated exposure

Based on available data, the classification criteria are not met.

##### Aspiration hazard

Based on available data, the classification criteria are not met.

#### 11.2. Information on other hazards

##### Long term effects

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

##### Endocrine disrupting properties

Not applicable.

##### Other information

None known.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Harmful to aquatic life with long lasting effects.

#### 12.2. Persistence and degradability

No data available.

#### 12.3. Bioaccumulative potential

No data available.

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

#### 12.6. Endocrine disrupting properties

Not applicable.

#### 12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

HP 3 - Flammable

HP 4 - Irritant (skin irritation and eye damage)

HP 6 - Acute toxicity

HP 14 - Ecotoxic

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.




### EWC code

Not applicable.

### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	UN1993	FLAMMABLE LIQUID, N.O.S. (ethanol)	Transport hazard class: 3 Label: 3 Classification code: F1 	III	No	Limited quantities: 5 L Tunnel restriction code: (D/E) See below for additional information.
IMDG	UN1993	FLAMMABLE LIQUID, N.O.S. (ethanol)	Transport hazard class: 3 Label: 3 Classification code: F1 	III	No	Limited quantities: 5 L EmS: F-E S-E See below for additional information.
IATA	UN1993	FLAMMABLE LIQUID, N.O.S. (ethanol)	Transport hazard class: 3 Label: 3 Classification code: F1 	III	No	See below for additional information.

\* Packing group

\*\* Environmental hazards

### Additional information

ADR / See Table A, Section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

This product is within scope of the regulations of transport of dangerous goods.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Maritime transport in bulk according to IMO instruments

No data available.

## SECTION 15: Regulatory information

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

#### Restrictions for application

Restricted to professional users.

#### Demands for specific education

No specific requirements.

#### SEVESO - Categories / dangerous substances

P5c - FLAMMABLE LIQUIDS, Qualifying quantity (lower-tier): 5.000 tonnes / (upper-tier): 50.000 tonnes

#### Labelling of contents according to Detergents Regulation (EC) No 648/2004

≥ 30%

· Non-ionic surfactants

< 5%

· Perfumes (LINALOOL)

· Perfumes (BENZYL SALICYLATE)

· Perfumes (HEXYL CINNAMAL)

#### Additional information

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

#### Sources

The Management of Health and Safety at Work Regulations 1999.

The Health and Safety at Work etc. Act 1974 Regulations 2013.

Regulation (EC) No 648/2004 on detergents as retained and amended in UK law.

Control of Major Accident Hazards (COMAH) Regulations 2015.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

### 15.2. Chemical safety assessment

No

## SECTION 16: Other information

### Full text of H-phrases as mentioned in section 3

H225, Highly flammable liquid and vapour.

H302, Harmful if swallowed.

H312, Harmful in contact with skin.

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H335, May cause respiratory 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.

### The full text of identified uses as mentioned in section 1

PC 35 = Washing and Cleaning Products (including solvent based products)

PC 3 = Air care products

### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

CAS = Chemical Abstracts Service  
CE = Conformité Européenne (European conformity)  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
CSA = Chemical Safety Assessment  
CSR = Chemical Safety Report  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EINECS = European Inventory of Existing Commercial chemical Substances  
ES = Exposure Scenario  
EUH statement = CLP-specific Hazard statement  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IARC = International Agency for Research on Cancer (IARC)  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

#### Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.  
The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.  
The classification of the mixture in regard to physical hazards has been based on experimental data.

The safety data sheet is validated by  
Regulatory Chemist

#### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.  
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.  
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.  
Country-language: GB-en