

according to 1907/2006/EC, Article 31

Version number 1

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

1.1 Product identifier

Trade name: BLACKCURRANT & TUBEROSE - STYLE RANGE

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

Life cycle stages IS Use at industrial Sites

Sector of Use SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

Product category PC28 Perfumes, fragrances

**Technical function** Fragrance

## Application of the substance / the mixture

Alcohol cleaner

Floor polish/ Polishing wax

Toilet soap

Glass Cleaner

Basic cleaner

Hand cleaning paste

Industrial cleaner

Neutral cleaner

Soap cleaner

Washing liquid

Wax emulsion

**Detergents** 

Toilet-cleaner

Air fresheners

Hand cleaning agent

Hand detergent

Cosmetic Active Agent

Uses advised against Not for personal use in this form or concentration

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

### Manufacturer/Supplier:

Escentscia Limited

6 Pioneer Park, Clough Road, Hull. HU6 7HW UK.

msds@escentscia.uk

www.escentscia.uk

+44 (0)1482 332766

Further information obtainable from: Technical Department

## 1.4 Emergency telephone number:

**National Poisons Information Service** 

+44 121 507 4123

Members of the public seeking specific information on poisons should contact:

In England and Wales: NHS 111 - dial 111

In Scotland: NHS 24 - dial 111



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### **SECTION 2: Hazards identification**

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008



Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008** The product is classified and labelled according to the GB CLP regulation. **Hazard pictograms** 





GHS07

GHS09

## Signal word Warning

### Hazard-determining components of labelling:

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (Iso-E super)

(R)-p-mentha-1,8-diene

Hydroxycitronellal

dl-Citronellol

isoeugenol

4-tert-butylcyclohexyl acetate

Coumarin

geraniol

Hydroxycitronellal-methyl anthranilate (Schiff base)

Nerol

#### **Hazard statements**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

## **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.



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P280	Wear protective gloves /	eye protection ,	/ face protection.
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P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

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

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

### 2.3 Other hazards

## Results of PBT and vPvB assessment

**PBT:** Not applicable. **vPvB:** Not applicable.

## **SECTION 3: Composition/information on ingredients**

### 3.2 Chemical characterisation: Mixtures

**Description:** Mixture of substances listed below with nonhazardous additions.

## **Dangerous components:**

2	
CAS: 120-51-4 Benzyl benzoate	>25–≤50%
EINECS: 204-402-9 🚯 Aquatic Chronic 2, H411; 🕦 Acute Tox. 4, H302	
CAS: 60-12-8 Phenethyl alcohol	>2.5-<10%
EINECS: 200-456-2 🕦 Acute Tox. 4, H302; Eye Irrit. 2, H319	
CAS: 54464-57-2 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (Iso-E super)	>2.5-<10%
EINECS: 259-174-3 🌜 Aquatic Chronic 1, H410; 야 Skin Irrit. 2, H315; Skin Sens. 1, H317	
CAS: 5989-27-5 (R)-p-mentha-1,8-diene	>2.5-<10%
EINECS: 227-813-5 🌖 Flam. Liq. 3, H226; 🚯 Asp. Tox. 1, H304; 🚯 Aquatic Acute 1, H400; 🗘 Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	
CAS: 28219-61-6 2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol (bagdanol)	>2.5-<10%
EINECS: 248-908-8 🚯 Aquatic Chronic 1, H410; 🕦 Eye Irrit. 2, H319	
CAS: 1335-46-2 Methyl ionone (mixture of isomers)	≥0.25-<2.5%
EINECS: 215-635-0 🚯 Aquatic Chronic 2, H411; 🕦 Skin Irrit. 2, H315; Eye Irrit. 2, H319	
CAS: 107-75-5 Hydroxycitronellal	≥1–≤2.5%
EINECS: 203-518-7 🕠 Eye Irrit. 2, H319; Skin Sens. 1, H317	
CAS: 106-22-9 dl-Citronellol	≥1–≤2.5%
EINECS: 203-375-0 🕠 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	
CAS: 32210-23-4 4-tert-butylcyclohexyl acetate	≥1–≤2.5%
EINECS: 250-954-9 🕠 Skin Sens. 1, H317	
CAS: 91-64-5 Coumarin	≥1-<2.5%
EINECS: 202-086-7 🕠 Acute Tox. 4, H302; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	
CAS: 106-24-1 geraniol	≥0.1-<1%
EINECS: 203-377-1 📀 Eye Dam. 1, H318; 🕩 Skin Irrit. 2, H315; Skin Sens. 1, H317	
CAS: 89-43-0 Hydroxycitronellal-methyl anthranilate (Schiff base)	≥0.1-<1%
EINECS: 201-908-1 🕠 Eye Irrit. 2, H319; Skin Sens. 1B, H317	
CAS: 106-25-2 Nerol	≥0.1-<1%
EINECS: 203-378-7 🕠 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	
CAS: 52474-60-9 1-methyl-3-(4-methyl-3-pentenyl)cyclohex-3-ene-1-carbaldehyde (precyclemone B)	≥0.025-<0.25%
EINECS: 257-941-7 🚯 Aquatic Acute 1, H400; Aquatic Chronic 1, H410	



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CAS: 32388-55-9	Acetl cedrene (Vertofix)	≥0.1-<0.25%
EINECS: 251-020-3	3 🕸 Aquatic Acute 1, H400; Aquatic Chronic 1, H410; 아 Skin Sens. 1, H317	
CAS: 127-91-3	beta-Pinene	≥0.1-<0.25%
EINECS: 204-872-	<ul> <li>Flam. Liq. 3, H226;  Asp. Tox. 1, H304;  Aquatic Acute 1, H400; Aquatic Chronic 1, H410;  Skin Irrit. 2, H315; Skin Sens. 1, H317</li> </ul>	
CAS: 78-70-6	Linalool	≥0.1-<1%
EINECS: 201-134-	4 🕩 Skin Sens. 1B, H317	
CAS: 68039-49-6	2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde (Hivertal)	≥0.1-<0.25%
EINECS: 268-264-	1 🚯 Aquatic Chronic 2, H411; 🕔 Skin Irrit. 2, H315; Skin Sens. 1, H317	
CAS: 122-40-7	alpha-Amylcinnamaldehyde	≥0.1-<0.25%
EINECS: 204-541-	5 🚱 Aquatic Acute 1, H400; Aquatic Chronic 2, H411; <image/> Skin Sens. 1, H317	
CAS: 142-19-8	allyl heptanoate	<0.25%
EINECS: 205-527-	1 📀 Acute Tox. 3, H301; Acute Tox. 3, H311; 🕸 Aquatic Acute 1, H400; Aquatic Chronic 3,	
	H412	
CAS: 2705-87-5	Allyl cyclohexanepropionate	≥0.1-<0.25%
EINECS: 220-292-	<ul> <li>Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Sens. 1, H317</li> </ul>	
CAS: 5595-79-9	2-Ethoxy-4-(methoxymethyl)phenol	≥0.1–<1%
	(1) Acute Tox. 4, H302; Skin Sens. 1, H317	
CAS: 57378-68-4	delta-1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-one	≥0.1-<0.25%
EINECS: 260-709-	8 🔖 Aquatic Acute 1, H400; Aquatic Chronic 1, H410; 아 Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317	
CAS: 67634-15-5	alpha,alpha-Dimethyl-p-ethylphenylpropanal (floralozone)	≥0.1-<0.25%
EINECS: 266-819-	2 � Aquatic Acute 1, H400; Aquatic Chronic 2, H411; � Skin Irrit. 2, H315; Skin Sens. 1B, H317	
CAS: 97-54-1	isoeugenol	≥0.01-<0.1%
EINECS: 202-590-	<ul> <li>Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit.</li> <li>H319; Skin Sens. 1A, H317; STOT SE 3, H335</li> </ul>	
	Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.01 %	

## Regulation (EC) No 648/2004 on detergents / Labelling for contents

perfumes (BENZYL BENZOATE, (R)-p-mentha-1,8-diene, hydroxycitronellal, citronellol, coumarine, geraniol, linalool, AMYL CINNAMAL, ISOEUGENOL, eugenol)

Additional information: For the wording of the listed hazard phrases refer to section 16.

## **SECTION 4: First aid measures**

## 4.1 Description of first aid measures

## **General information:**

Immediately remove any clothing soiled by the product.

Take affected persons out into the fresh air.

## After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

## After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

### After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.



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Rinse opened eye for several minutes under running water.

#### After swallowing:

If symptoms persist consult doctor.

A person vomiting while laying on their back should be turned onto their side.

Seek immediate medical advice.

- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available.

## **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

### Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire extinguishing methods suitable to surrounding conditions.

**5.2 Special hazards arising from the substance or mixture** No further relevant information available.

#### 5.3 Advice for firefighters

Protective equipment: No special measures required.

### **SECTION 6: Accidental release measures**

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

Ensure adequate ventilation

Keep away from ignition sources.

Wear protective clothing.

### 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

### 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

# **SECTION 7: Handling and storage**

## 7.1 Precautions for safe handling

Keep receptacles tightly sealed.

Store in cool, dry place in tightly closed receptacles.

Keep away from heat and direct sunlight.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Information about fire - and explosion protection: No special measures required.

## 7.2 Conditions for safe storage, including any incompatibilities

#### Storage

Requirements to be met by storerooms and receptacles: Store in a cool location.

Information about storage in one common storage facility: Store away from foodstuffs.



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### Further information about storage conditions:

Keep container tightly sealed.

Store receptacle in a well ventilated area.

7.3 Specific end use(s) No further relevant information available.

## **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

Additional information about design of technical facilities: No further data; see item 7.

#### Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

#### 8.2 Exposure controls

## Personal protective equipment:

#### General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

### **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

### **Protection of hands:**



The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

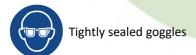
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

### Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. **Eye protection:** 



## **SECTION 9: Physical and chemical properties**

9.1 Information on basic physical and chemical properties General Information

**Appearance:** 

Form: Oily



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Colour:YellowOdour:CharacteristicOdour threshold:Not determined.

**pH-value:** Mixture is non-soluble (in water).

Change in condition

Melting point/freezing point: Undetermined.

Initial boiling point and boiling range: 220 °C (CAS: 60-12-8 Phenethyl alcohol)

Flash point: > 70 °C

Flammability (solid, gas): Not applicable.

Decomposition temperature: Not determined.

**Auto-ignition temperature:** Product is not selfigniting.

**Explosive properties:** Product does not present an explosion hazard.

**Explosion limits:** 

Lower: Not determined. Upper: Not determined.

Vapour pressure at 156 °C: 6 hPa (CAS: 120-51-4 Benzyl benzoate)

Density:Not determined.Relative densityNot determined.Vapour densityNot determined.Evaporation rateNot determined.

Solubility in / Miscibility with

water: Insoluble. alcohols: Partly miscible.

Partition coefficient: n-octanol/water: Not determined.

Viscosity:

**Dynamic:** Not determined. Kinematic: Not determined.

Solvent content:

Organic solvents: 4.1 % VOC (EC) 4.12 % Solids content: 40.6 %

**9.2 Other information** No further relevant information available.

# **SECTION 10: Stability and reactivity**

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

**10.4 Conditions to avoid** No further relevant information available.

**10.5 Incompatible materials:** No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.



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## **SECTION 11: Toxicological information**

### 11.1 Information on toxicological effects

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

LD/LC50 values relevant for classification:

**ATE (Acute Toxicity Estimates)** 

Oral LD50 3,302 mg/kg Dermal LD50 300,000 mg/kg

CAS: 120-51-4 Benzyl benzoate

Oral LD50 1,700 mg/kg Dermal LD50 4,000 mg/kg

CAS: 60-12-8 Phenethyl alcohol

Oral LD50 1,790 mg/kg Dermal LD50 790 mg/kg

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

Oral LD50 4,400 mg/kg
CAS: 106-22-9 dl-Citronellol
Oral LD50 3,450 mg/kg
Dermal LD50 2,650 mg/kg

CAS: 32210-23-4 4-tert-butylcyclohexyl acetate

Oral LD50 5,000 mg/kg
CAS: 91-64-5 Coumarin
Oral LD50 293 mg/kg
CAS: 78-70-6 Linalool
Oral LD50 2,790 mg/kg
Dermal LD50 5,610 mg/kg
CAS: 97-54-1 isoeugenol
Oral LD50 1,560 mg/kg
Primary irritant effect:
Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Additional toxicological information:

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

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.



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# **SECTION 12: Ecological information**

#### 12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

**Ecotoxical effects:** Remark: Toxic for fish

Additional ecological information:

**General notes:** 

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

12.5 Results of PBT and vPvB assessment

PBT: Not applicable. vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

## **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Recommendation Must not be disposed together with household garbage. Do not allow product to reach sewage system.

UN3082

(Benzyl benzoate, DIPENTENE)

benzoate, DIPENTENE)

## **Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

## **SECTION 14: Transport information**

14.1 UN-Number ADR, IMDG, IATA

14.2 UN proper shipping name

**ADR** 

**IMDG** 

**IATA** 

14.3 Transport hazard class(es)

ADR, IMDG, IATA

Class Label 14.4 Packing group

ADR, IMDG, IATA

9 Miscellaneous dangerous substances and articles.

3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Environmentally hazardous substance, liquid, n.o.s. (Benzyl

(Benzyl benzoate, DIPENTENE), MARINE POLLUTANT

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14.5 Environmental hazards:

Marine pollutant:Symbol (fish and tree)Special marking (ADR):Symbol (fish and tree)Special marking (IATA):Symbol (fish and tree)

14.6 Special precautions for user Warning: Miscellaneous dangerous substances and articles.

Hazard identification number (Kemler code): 90

EMS Number: F-A,S-F

Stowage Category A

14.7 Transport in bulk according to Annex II of Marpol and

the IBC Code Not applicable.

**Transport/Additional information:** 

ADR

Limited quantities (LQ) 5L Excepted quantities (EQ) Code: E1

Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

Transport category 3
Tunnel restriction code (-)

**IMDG** 

Limited quantities (LQ) 5L Excepted quantities (EQ) Code: E1

Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation": UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S. (BENZYL BENZOATE, DIPENTENE), 9, III

## **SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the GB CLP regulation. Hazard pictograms



GHS07



Signal word Warning

# Hazard-determining components of labelling:

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (Iso-E super)

(R)-p-mentha-1,8-diene Hydroxycitronellal dl-Citronellol

isoeugenol

isoeugenoi

4-tert-butylcyclohexyl acetate

Coumarin geraniol

Hydroxycitronellal-methyl anthranilate (Schiff base)

Nerol



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#### **Hazard statements**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

### **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

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

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

#### Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

Seveso category E2 Hazardous to the Aquatic Environment

Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t

Qualifying quantity (tonnes) for the application of upper-tier requirements  $500\ t$ 

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

## **Relevant phrases**

H226 Flammable liquid and vapour.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H311 Toxic in contact with skin.

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.

H332 Harmful if inhaled.

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.

## **Department issuing SDS:** Technical Department

## Contact:

Technical Department msds@escentscia.uk



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#### Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of

Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances

**ELINCS: European List of Notified Chemical Substances** 

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Flam. Liq. 3: Flammable liquids – Category 3 Acute Tox. 3: Acute toxicity – Category 3 Acute Tox. 4: Acute toxicity – Category 4 Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1 Skin Sens. 1A: Skin sensitisation – Category 1A Skin Sens. 1B: Skin sensitisation – Category 1B

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard — Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard — Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard — Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard — Category 3