

Safety data sheet

according to UK REACH

Version number 1

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

1.1 Product identifier

Product identification: Concentrated mixture of aromatic raw materials (fragrance)

Name: PERFICTUS

1.2 Relevant identified uses of the mixture

Manufacturing use only. Not for personal use in this form or concentration

1.3 Details of the supplier of the safety data sheet

Company: Na2ral Limited

Address: 7A Capital Park, Annie Reed Road, Beverley, HU17 0LF

e-mail: msds@escentscia.uk

website: www.escentscia.uk

Telephone: +44 (0)1482 332766

1.4 Emergency telephone number

Emergency telephone number: +44 (0)1482 332766

Opening hours: 09:00-16:00, Monday - Friday

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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS09 environment

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

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GHS07

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-tetramethyl-2-naphthalenyl)ethanone (Iso-E super)
benzyl salicylate
linalool
6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone (Cashmeran)
Coumarin
dl-Citronellol
linalyl acetate
alpha-methyl-1,3-benzodioxole-5-propionaldehyde (helional)
Formaldehyde cyclododecyl ethyl acetal (boisambrene forte)
Lemon oil, terpenes

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.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

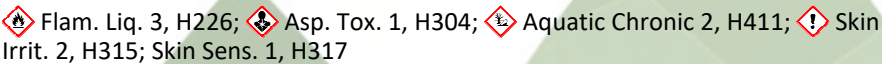
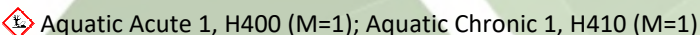
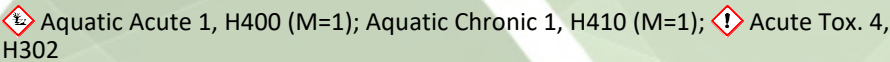
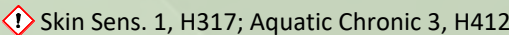
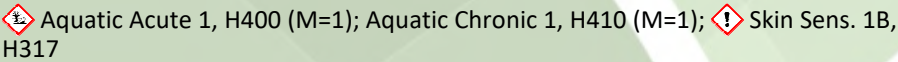
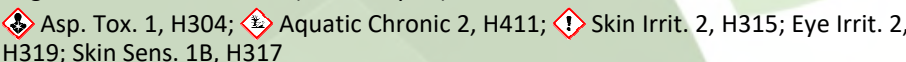
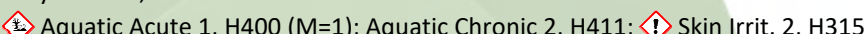
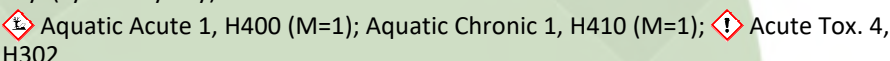
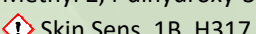
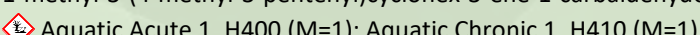
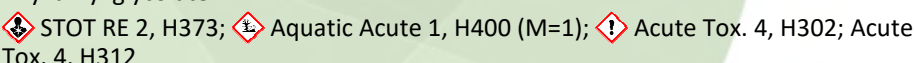
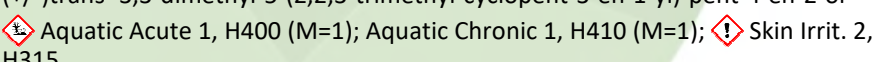
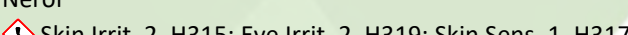
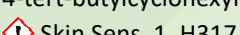
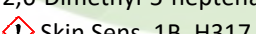
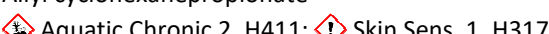
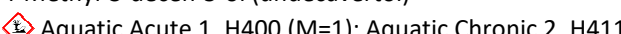
Dangerous components:

CAS: 84-66-2	diethyl phthalate	>25–≤50%
EINECS: 201-550-6	substance with a Community workplace exposure limit	
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 (M=1); ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	
CAS: 18479-58-8	2,6-dimethyloct-7-en-2-ol (dihydromyrcenol)	>2.5–<10%
EINECS: 242-362-4	⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	
CAS: 118-58-1	benzyl salicylate	>2.5–<10%
EINECS: 204-262-9	⚠ Eye Irrit. 2, H319; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	
Index number: 607-754-00-5		
CAS: 88-41-5	2-tert butyl cyclohexyl acetate (verdox)	>2.5–≤10%
EINECS: 201-828-7	⚠ Aquatic Chronic 2, H411	
CAS: 78-70-6	linalool	>2.5–<10%
EINECS: 201-134-4	⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	
Index number: 603-235-00-2		
CAS: 1222-05-5	1,3,4,6,7,8-hexahydro-4,6,6,7,8-hexamethylindeno[5,6-c]pyran	≤2.5%
EINECS: 214-946-9	⚠ Aquatic Acute 1, H400 (M=1); Aquatic Chronic 1, H410 (M=1)	
Index number: 603-212-00-7		
CAS: 33704-61-9	6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone (Cashmeran)	≥1–<2.5%
EINECS: 251-649-3	⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	
CAS: 65405-77-8	cis-3-Hexenyl salicylate	≥0.25–<2.5%
EINECS: 265-745-8	⚠ Aquatic Acute 1, H400 (M=1)	
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: 106-22-9	dl-Citronellol	≥1–≤2.5%
EINECS: 203-375-0	⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	
CAS: 115-95-7	linalyl acetate	≥1–≤2.5%
EINECS: 204-116-4	⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	
CAS: 1205-17-0	alpha-methyl-1,3-benzodioxole-5-propionaldehyde (helional)	≥1–<2.5%
EINECS: 214-881-6	⚠ Repr. 2, H361; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Sens. 1, H317	
Index number: 605-042-00-9		
CAS: 28219-61-6	2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol (bagdanol)	≥0.25–<2.5%
EINECS: 248-908-8	⚠ Aquatic Chronic 2, H411; ⚠ Eye Irrit. 2, H319	
CAS: 58567-11-6	Formaldehyde cyclododecyl ethyl acetal (boisambrene forte)	≥1–<2.5%
EINECS: 261-332-1	⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	

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CAS: 68917-33-9 EINECS: 284-515-8	Lemon oil, terpenes 	≥1–<2.5%
CAS: 111879-80-2 ELINCS: 422-320-3 Index number: 606-092-00-4	A mixture of: (E)-oxacyclohexadec-12-en-2-one (E)-oxacyclohexadec-13-en-2-one a) (Z)-oxacyclohexadec-(12)-en-2-one and b) (Z)-oxacyclohexadec-(13)-en-2-one Alternative CAS number: 34902-57-3 	≥0.25–<2.5%
CAS: 2050-08-0 EINECS: 218-080-2	Amyl salicylate 	≥0.25–<2.5%
CAS: 8016-63-5 EINECS: 283-911-8	Salvia Sclarea Oil (clary sage oil) 	≥0.1–<1%
CAS: 70788-30-6 EINECS: 274-892-7	1-(2,2,6-Trimethylcyclohexyl)-3-hexanol (timberol) 	≥0.25–<1%
CAS: 84238-39-1 EINECS: 282-493-4	Pogostemon cablin leaf oil (Patchouly oil) 	≥0.25–<1%
CAS: 3025-30-7 EINECS: 221-178-8	Ethyl trans-2,cis-4-decadienoate 	≥0.25–<2.5%
CAS: 68901-15-5 EINECS: 272-657-3	allyl (cyclohexyloxy)acetate 	≥0.25–<2.5%
CAS: 4707-47-5 EINECS: 225-193-0	Methyl 2,4-dihydroxy-3,6-dimethylbenzoate (Mousse coeur) 	≥0.1–<1%
CAS: 52474-60-9 EINECS: 257-941-7	1-methyl-3-(4-methyl-3-pentenyl)cyclohex-3-ene-1-carbaldehyde (precyclemon B) 	≥0.25–<2.5%
CAS: 67634-00-8 EINECS: 266-803-5	Allyl amyl glycolate 	≥0.25–<2.5%
CAS: 107898-54-4 ELINCS: 411-580-3 Index number: 603-150-00-0	(+/-)trans -3,3-dimethyl-5-(2,2,3-trimethyl-cyclopent-3-en-1-yl)-pent-4-en-2-ol 	≥0.25–<2.5%
CAS: 106-25-2 EINECS: 203-378-7	Nerol 	≥0.1–<1%
CAS: 32210-23-4 EINECS: 250-954-9	4-tert-butylcyclohexyl acetate 	≥0.1–<1%
CAS: 106-72-9 EINECS: 203-427-2	2,6-Dimethyl-5-heptenal (melonal) 	≥0.1–<1%
CAS: 2705-87-5 EINECS: 220-292-5	Allyl cyclohexanepropionate 	≥0.1–<0.25%
CAS: 81782-77-6 EINECS: 279-815-0	4-Methyl-3-decen-5-ol (undecavertol) 	<0.25%

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

perfumes (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (Iso-E super), benzyl salicylate, linalool, HEXAHYDROHEXAMETHYL CYCLOPENTABENZOPYRAN, coumarine, citronellol, LINALYL ACETATE, AMYL SALICYLATE, Pogostemon cablin leaf oil, METHYL SALICYLATE, VANILLIN, Rose Ketones, Rose Ketones)

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.

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.

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 section 13.

Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling.

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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.

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

Ingredients with limit values that require monitoring at the workplace:

CAS: 84-66-2 diethyl phthalate

WEL Short-term value: 10 mg/m³

Long-term value: 5 mg/m³

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

8.2 Exposure controls

Appropriate engineering controls No further data; see section 7.

Individual protection measures, such as 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.

Hand protection



Protective gloves

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

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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/face protection



Tightly sealed goggles

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state

Fluid

Colour:

Colourless to pale yellow

Odour:

Characteristic

Odour threshold:

Not determined.

Melting point/freezing point:

Undetermined.

Boiling point or initial boiling point and boiling range

84 °C (CAS: 18479-58-8 2,6-dimethyloct-7-en-2-ol (dihydromyrcenol))

Not applicable.

Flammability

Lower and upper explosion limit

Lower:

Not determined.

Upper:

Not determined.

Flash point:

70–100 °C (CAS: 18479-58-8 2,6-dimethyloct-7-en-2-ol (dihydromyrcenol))

Auto-ignition temperature:

332 °C (CAS: 25265-71-8 DIPROPYLENE GLYCOL)

Decomposition temperature:

Not determined.

pH

Mixture is non-soluble (in water).

Viscosity:

Kinematic viscosity

Not determined.

Dynamic:

Not determined.

Solubility

water:

Insoluble (10%)

alcohols:

Partly miscible.

Partition coefficient n-octanol/water (log value)

Not determined.

Vapour pressure at 20 °C:

0 hPa (CAS: 84-66-2 diethyl phthalate)

Density and/or relative density

Density:

Not determined.

Relative density

Not determined.

Vapour density

Not determined.

9.2 Other information

Appearance:

Form:

Oily

Important information on protection of health and environment, and on safety.

Ignition temperature:

Product is not selfigniting.

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Explosive properties:	Product does not present an explosion hazard.
Solvent content:	
Organic solvents:	0.0 %
VOC (EC)	0.04 %
VOCV (CH)	0.24 %
Solids content:	1.8 %
Refractive index	1.466-1.506
Change in condition	
Evaporation rate	Not determined.

Information with regard to physical hazard classes

Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

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.

SECTION 11: Toxicological information

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

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

LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Oral LD50 50000 mg/kg

CAS: 84-66-2 diethyl phthalate

Oral LD50 8600 mg/kg

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CAS: 18479-58-8 2,6-dimethyloct-7-en-2-ol (dihydromyrcenol)

Oral LD50 3600 mg/kg

Dermal LD50 >5000 mg/kg

CAS: 118-58-1 benzyl salicylate

Dermal LD50 14150 mg/kg

CAS: 88-41-5 2-tert butyl cyclohexyl acetate (verdox)

Oral LD50 4600 mg/kg

Dermal LD50 >5000 mg/kg

CAS: 78-70-6 linalool

Oral LD50 2790 mg/kg

Dermal LD50 5610 mg/kg

CAS: 91-64-5 Coumarin

Oral LD50 293 mg/kg

CAS: 106-22-9 dl-Citronellol

Oral LD50 3450 mg/kg

Dermal LD50 2650 mg/kg

CAS: 58567-11-6 Formaldehyde cyclododecyl ethyl acetal (boisambrene forte)

Oral LD50 >5000 mg/kg

Dermal LD50 >5000 mg/kg

CAS: 4707-47-5 Methyl 2,4-dihydroxy-3,6-dimethylbenzoate (Mousse coeur)

Oral LD50 >2000 mg/kg

Dermal LD50 >5000 mg/kg

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

Oral LD50 5000 mg/kg

CAS: 81782-77-6 4-Methyl-3-decen-5-ol (undecavertol)

Oral LD50 >8000 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.

11.2 Information on other hazards

Endocrine disrupting properties

CAS: 54464-57-2 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8-tetramethyl-2-naphthalenyl)ethanone (Iso-E super): List II

CAS: 118-58-1 benzyl salicylate: List II

CAS: 1222-05-5 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran: List II

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.

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12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.

12.7 Other adverse 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

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.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN number or ID number

ADR, IMDG, IATA UN3082

14.2 UN proper shipping name

ADR 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (Iso-E super), Lemon oil, terpenes)

IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (Iso-E super), Lemon oil, terpenes), MARINE POLLUTANT

IATA Environmentally hazardous substance, liquid, n.o.s. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (Iso-E super), Lemon oil, terpenes)

14.3 Transport hazard class(es)

ADR, IMDG, IATA



Class 9 Miscellaneous dangerous substances and articles.
Label 9

14.4 Packing group

ADR, IMDG, IATA III

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.

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Hazard identification number (Kemler code):	90
EMS Number:	F-A,S-F
Stowage Category	A
14.7 Maritime transport in bulk according to IMO instruments	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. (1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8-TETRAMETHYL-2-NAPHTHALENYL) ETHANONE (ISO-E SUPER), LEMON OIL, TERPENES), 9, III

SECTION 15: Regulatory information

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

Poisons Act

Regulated explosives precursors

None of the ingredients is listed.

Regulated poisons

None of the ingredients is listed.

Reportable explosives precursors

None of the ingredients is listed.

Reportable poisons

None of the ingredients is listed.

Existing Chemical Substances

CAS: 84-66-2 diethyl phthalate: 3-1301

CAS: 54464-57-2 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8-tetramethyl-2-naphthalenyl)ethanone (Iso-E super)

CAS: 25265-71-8 DIPROPYLENE GLYCOL: 2-413

CAS: 18479-58-8 2,6-dimethyloct-7-en-2-ol (dihydromyrcenol): 2-258, 2-686

CAS: 118-58-1 benzyl salicylate: 3-1570, 3-3044

CAS: 24851-98-7 Methyl dihydrojasmonate (hedione): 3-3309

CAS: 88-41-5 2-tert butyl cyclohexyl acetate (verdox): 3-2311, 3-2345, 3-2356

CAS: 78-70-6 linalool: 2-249, 2-258

CAS: 1222-05-5 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran: 5-683

CAS: 110-27-0 isopropyl myristate: 2-798

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CAS: 33704-61-9 6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone (Cashmeran)
CAS: 65405-77-8 cis-3-Hexenyl salicylate: 3-3041
CAS: 91-64-5 Coumarin: 5-688
CAS: 106-22-9 dl-Citronellol: 2-258
CAS: 115-95-7 linalyl acetate: 2-2536
CAS: 1205-17-0 alpha-methyl-1,3-benzodioxole-5-propionaldehyde (helional): 5-3560
CAS: 28219-61-6 2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol (bagdanol)
CAS: 58567-11-6 Formaldehyde cyclododecyl ethyl acetal (boisambrene forte)
CAS: 2050-08-0 Amyl salicylate: 3-1585
CAS: 6790-58-5 8-alpha,12-Oxido-13,14,15,16-tetranorlabdane: 5-3339
CAS: 3025-30-7 Ethyl trans-2,cis-4-decadienoate: 2-1085
CAS: 67674-46-8 6,6-Dimethoxy-2,5,5-trimethylhex-2-ene (methyl pamplemousse): 2-516
CAS: 52474-60-9 1-methyl-3-(4-methyl-3-pentenyl)cyclohex-3-ene-1-carbaldehyde (precyclemone B)
CAS: 1335-46-2 Methyl ionone (mixture of isomers)
CAS: 106-25-2 Nerol: 2-258
CAS: 140-11-4 benzyl acetate: 3-1020, 3-1045
CAS: 928-96-1 cis-3-Hexenol: 2-2393
CAS: 32210-23-4 4-tert-butylcyclohexyl acetate: 3-2311, 3-2356
CAS: 93-92-5 alpha-Methylbenzyl acetate: 3-1040, 3-1045, 3-1062
CAS: 106-72-9 2,6-Dimethyl-5-heptenal (melonal)

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.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
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.

Department issuing SDS: Technical Department

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Contact:

Technical Department
msds@escentscia.uk

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)
VOCV: Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile organic compounds)
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
ATE: Acute toxicity estimate values
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1B: Skin sensitisation – Category 1B
Repr. 2: Reproductive toxicity – Category 2
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