

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 as amended by Regulation UK SI 2019/758 and UK SI 2020/1577 Issue date: 10/09/2024 Version: 1.0

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

1.1. Product identifier

Product form : Mixture

Product name : Generic of J'adore by Christian Dior

Product code : MC582

Type of product : Cosmetic product

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

Relevant identified uses

Main use category : Consumer use
Use of the substance/mixture : Cosmetics

1.3. Details of the supplier of the safety data sheet

PJD

Hadleigh Business Park IP7 5PW Hadleigh, Suffolk

1.4. Emergency telephone number

Emergency number : Tel: +44(0) 1473 822300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to GB-CLP Regulations UK SI 2019/720 and UK SI 2020/1567

Flammable liquids, Category 2 H225
Skin sensitisation, Category 1 H317
Hazardous to the aquatic environment – Chronic Hazard, H412

Category 3

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Highly flammable liquid and vapour. May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to GB-CLP Regulations UK SI 2019/720 and UK SI 2020/1567

Hazard pictograms (CLP) :





GHS02

GHS07

Signal word (CLP) : Danger

Contains : Benzyl salicylate; 2-Hexyl-(E)-cinnamaldehyde; 3-(2H-1,3-BENZODIOXOL-5-YL)-2-

METHYLPROPANAL; Linalyl acetate; TETRAMETHYL

ACETYLOCTAHYDRONAPHTHALENES; CIS-3-HEXENYL SALICYLATE; dl-Citronellol; dlimonene; Hydroxycitronellal; 4-TERT-BUTYLDIHYDROCINNAMALDEHYDE; Linalool;

Geraniol; 2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde; Piperonal

Hazard statements (CLP) : H225 - Highly flammable liquid and vapour.

H317 - May cause an allergic skin reaction.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) : P102 - Keep out of reach of children.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

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

P273 - Avoid release to the environment.

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 ${\tt P280 - Wear \ protective \ gloves/protective \ clothing/eye \ protection/face \ protection.}$

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .

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

P362+P364 - Take off contaminated clothing and wash it before reuse.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with UK REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB PPP at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	%	Classification
ALCOHOL DENAT. substance with national workplace exposure limit(s) (DE, GB, IE)	CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5	≥ 50 – < 75	Flam. Liq. 2, H225
2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol	CAS-No.: 63500-71-0 ≥ 1 – < 5 Eye Irrit. 2, H319 EC-No.: 405-040-6 EC Index-No.: 603-101-00-3		Eye Irrit. 2, H319
Benzyl salicylate	CAS-No.: 118-58-1 EC-No.: 204-262-9 EC Index-No.: 607-754-00-5		
2-Hexyl-(E)-cinnamaldehyde	CAS-No.: 165184-98-5 EC-No.: 639-566-4	≥1-<5	Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
3-(2H-1,3-BENZODIOXOL-5-YL)-2- METHYLPROPANAL	CAS-No.: 1205-17-0 EC-No.: 214-881-6	< 1	Skin Sens. 1B, H317 Repr. 2, H361 Aquatic Chronic 2, H411
Linalyl acetate	CAS-No.: 115-95-7 EC-No.: 204-116-4	< 1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB)	CAS-No.: 1222-05-5 EC-No.: 214-946-9 EC Index-No.: 603-212-00-7	< 1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES	CAS-No.: - EC-No.: 915-730-3	< 1	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 1, H410
dl-Citronellol	CAS-No.: 106-22-9 EC-No.: 203-375-0	< 1 Skin Sens. 1B, H317 Skin Irrit. 2, H315 Eye Irrit. 2, H319	
d-limonene	CAS-No.: 5989-27-5 < 1 EC-No.: 227-813-5 EC Index-No.: 601-096-00-2		Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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Name	Product identifier	%	Classification
CIS-3-HEXENYL SALICYLATE	CAS-No.: 65405-77-8 < 1 EC-No.: 265-745-8		Skin Sens. 1, H317 Aquatic Chronic 2, H411
Hydroxycitronellal	CAS-No.: 107-75-5 EC-No.: 203-518-7	< 1	Eye Irrit. 2, H319 Skin Sens. 1B, H317
4-TERT-BUTYLDIHYDROCINNAMALDEHYDE	CAS-No.: 18127-01-0 EC-No.: 242-016-2	< 1	Skin Irrit. 2, H315 Skin Sens. 1B, H317 STOT RE 2, H373 Aquatic Chronic 3, H412
2-ETHYL-4-(2,2,3-TRIMETHYLCYCLOPENT-3- ENYL-1)-2-BUTEN-1-OL	CAS-No.: 106185-75-5 EC-No.: 701-122-3	< 1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 1, H410
Linalool	CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2	< 1 Skin Sens. 1B, H317	
Geraniol	CAS-No.: 106-24-1 EC-No.: 203-377-1 EC Index-No.: 603-241-00-5	< 1 Skin Sens. 1, H317	
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde	CAS-No.: 68039-49-6 EC-No.: 268-264-1	< 1	Aquatic Chronic 3, H412 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319
BETA-METHYL-CYCLODODECANEETHANOL	CAS-No.: 118562-73-5 EC-No.: 411-410-8 EC Index-No.: 603-159-00-X	< 1 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)	
Piperonal	CAS-No.: 120-57-0 EC-No.: 204-409-7	< 1	Skin Sens. 1B, H317
2,6-DI-TERT-BUTYL-4-METHYLPHENOL substance with national workplace exposure limit(s) (GB, IE)	CAS-No.: 128-37-0 EC-No.: 204-881-4	< 1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin

irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

First-aid measures for first aider : First aid workers will be equipped with suitable personal protective equipment.

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

Symptoms/effects after inhalation : Although no appropriate human or animal health effects data are known to exist, this

material is expected to be an inhalation hazard.

Symptoms/effects after skin contact : May cause an allergic skin reaction. Symptoms/effects after eye contact : None under normal conditions. Symptoms/effects after ingestion : None under normal conditions.

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

Treat symptomatically.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapour. Explosion hazard : No direct explosion hazard. Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper

protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.

Absorb spillage to prevent material damage.

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin

and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment

Methods for cleaning up

6.3. Methods and material for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to

prevent migration and entry into sewers or streams. Stop leak without risks if possible.

: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or

public waters.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed Precautions for safe handling

- : Not expected to present a significant hazard under anticipated conditions of normal use.
- : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

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

contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Packaging materials : Store always product in container of same material as original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

ALCOHOL DENAT. (64-17-5)			
United Kingdom - Occupational Exposure Limits			
Local name Ethanol			
WEL TWA (OEL TWA)	1920 mg/m³		
	1000 ppm		
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE		
2,6-DI-TERT-BUTYL-4-METHYLPHENOL (128-37-0)			
United Kingdom - Occupational Exposure Limits			
Local name	2 6-Di-tert-hutyl-n-cresol		

Local name	2,6-Di-tert-butyl-p-cresol	
WEL TWA (OEL TWA)	10 mg/m³	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protection equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Eye and face protection

Eye protection:

No specific eye protection required during normal use. For handling bulk:

Safety glasses with side shields Chemical goggles

Skin protection

Skin and body protection:

No specific protection required during normal use. For handling bulk:

Wear suitable protective clothing

Hand protection:

No specific hand protection required during normal use.

For handling bulk: Wear general protective gloves, e.g. light weight rubber gloves.

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Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : Clear, pale yellow to dark yellow

Odour : Characteristic
Odour threshold : Not available
Melting point : Not applicable
Freezing point : Not available
Boiling point : Not available

Flammability : Highly flammable liquid and vapour

Lower explosion limit : Not available Upper explosion limit : Not available Flash point : Not available Auto-ignition temperature : Not available Decomposition temperature : Not available : Not available Viscosity, kinematic : Not available Solubility : Not available Partition coefficient n-octanol/water (Log Kow) : Not available Vapour pressure : Not available Vapour pressure at 50°C Not available : 0.851 - 0.871 Density : Not available Relative density Relative vapour density at 20°C : Not available Particle characteristics : Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Highly flammable liquid and vapour.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects	
Acute toxicity (oral) : Acute toxicity (dermal) : Acute toxicity (inhalation) :	Not classified Not classified Not classified
ALCOHOL DENAT. (64-17-5)	
LD50 oral rat	15010 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 14450 - 15560
LD50 oral	8300 mg/kg bodyweight Animal: mouse
Benzyl salicylate (118-58-1)	
LD50 oral	2227 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: EU Method B.3 (Acute Toxicity (Dermal))
2-Hexyl-(E)-cinnamaldehyde (165184-98-5)	
LD50 oral	3100 mg/kg bodyweight
3-(2H-1,3-BENZODIOXOL-5-YL)-2-METHYLPR	OPANAL (1205-17-0)
LD50 oral	3562 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
dl-Citronellol (106-22-9)	
LD50 oral	3450 mg/kg bodyweight
LD50 dermal	2650 mg/kg bodyweight
CIS-3-HEXENYL SALICYLATE (65405-77-8)	
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: EU Method B.3 (Acute Toxicity (Dermal))
Linalool (78-70-6)	
LD50 oral rat	2790 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 2440 - 3180
LD50 oral	3120 mg/kg bodyweight Animal: mouse, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 2620 - 3620
LD50 dermal rabbit	5610 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), 95% CL: 3578 - 8374
Geraniol (106-24-1)	
LD50 oral rat	3600 mg/kg bodyweight Animal: rat, 95% CL: 2840 - 4570
LD50 oral	3600 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg bodyweight Animal: rabbit
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde	(68039-49-6)
LD50 oral	2330 mg/kg
BETA-METHYL-CYCLODODECANEETHANOL	(118562-73-5)
LD50 oral rat	> 10000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 401 (Acute Oral Toxicity)

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Piperonal (120-57-0)				
LD50 oral rat	2700 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 2350 - 3100			
LD50 dermal rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: other:, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)			
2,6-DI-TERT-BUTYL-4-METHYLPHENOL (128-37-0)				
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)			
Skin corrosion/irritation :	Not classified			
Serious eye damage/irritation :	Not classified			
Respiratory or skin sensitisation :	May cause an allergic skin reaction.			
Germ cell mutagenicity :	Not classified			
Carcinogenicity :	Not classified			
d-limonene (5989-27-5)				
IARC group	3 - Not classifiable			
Geraniol (106-24-1)				
NOAEL (chronic, oral, animal/male, 2 years)	60 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)			
2,6-DI-TERT-BUTYL-4-METHYLPHENOL (128-	37-0)			
NOAEL (chronic, oral, animal/male, 2 years)	25 mg/kg bodyweight Animal: rat, Animal sex: male			
Reproductive toxicity :	Not classified			
Benzyl salicylate (118-58-1)				
NOAEL (animal/female, F0/P)	158 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test)			
3-(2H-1,3-BENZODIOXOL-5-YL)-2-METHYLPR	OPANAL (1205-17-0)			
NOAEL (animal/male, F0/P)	750 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)			
NOAEL (animal/female, F0/P)	100 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)			
STOT-single exposure :	Not classified			
STOT-repeated exposure :	Not classified			
ALCOHOL DENAT. (64-17-5)				
NOAEL (subchronic, oral, animal/male, 90 days)	< 9700 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)			
NOAEL (subchronic, oral, animal/female, 90 days)	> 9400 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)			
Benzyl salicylate (118-58-1)				
NOAEL (oral, rat, 90 days)	177 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)			
dl-Citronellol (106-22-9)				
NOAEL (oral, rat, 90 days)	2000 mg/kg bodyweight Animal: rat, Guideline: other:			
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.063 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)			

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CIS-3-HEXENYL SALICYLATE (65405-77-8			
NOAEL (oral, rat, 90 days)	200 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)		
4-TERT-BUTYLDIHYDROCINNAMALDEHY	DE (18127-01-0)		
NOAEL (oral, rat, 90 days)	5 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)		
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.		
Linalool (78-70-6)			
NOAEL (dermal, rat/rabbit, 90 days)	250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)		
Geraniol (106-24-1)			
NOAEL (dermal, rat/rabbit, 90 days)	300 mg/kg bodyweight Animal: rat, Guideline: other:, Guideline: other:		
Piperonal (120-57-0)			
NOAEL (oral, rat, 90 days)	300 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:		
Aspiration hazard	: Not classified		

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term : Not classified

(acute)

 $\label{prop:lambda} \mbox{Hazardous to the aquatic environment, long-term} \qquad : \quad \mbox{Harmful to aquatic life with long lasting effects.}$

(chronic)	3		
ALCOHOL DENAT. (64-17-5)			
LC50 - Fish [1]	14.2 g/l Test organisms (species): Pimephales promelas		
NOEC (chronic)	9.6 mg/l Test organisms (species): Daphnia magna Duration: '9 d'		
Benzyl salicylate (118-58-1)			
LC50 - Fish [1]	1.03 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)		
EC50 - Crustacea [1]	1.16 mg/l Test organisms (species): Daphnia magna		
EC50 72h - Algae [1]	0.691 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)		
EC50 72h - Algae [2]	1.29 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)		
3-(2H-1,3-BENZODIOXOL-5-YL)-2-METHYLPR	OPANAL (1205-17-0)		
LC50 - Fish [1]	5.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)		
EC50 - Crustacea [1]	8.3 mg/l Test organisms (species): Daphnia magna		
EC50 72h - Algae [1]	28 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)		

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3-(2H-1,3-BENZODIOXOL-5-YL)-2-METHYLPR	OPANAL (1205-17-0)	
EC50 72h - Algae [2]	14 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)	
dl-Citronellol (106-22-9)		
LC50 - Fish [1]	14.66 mg/l Test organisms (species): Leuciscus idus	
EC50 - Crustacea [1]	17.48 mg/l Test organisms (species): Daphnia magna	
EC50 72h - Algae [1]	2.4 mg/l Test organisms (species):	
CIS-3-HEXENYL SALICYLATE (65405-77-8)		
LC50 - Fish [1]	> 0.65 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)	
EC50 - Crustacea [1]	0.6 mg/l Test organisms (species): Daphnia magna	
EC50 72h - Algae [1]	0.61 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)	
EC50 72h - Algae [2]	0.28 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)	
4-TERT-BUTYLDIHYDROCINNAMALDEHYDE	(18127-01-0)	
LC50 - Fish [1]	1.045 mg/l Test organisms (species):	
LC50 - Fish [2]	2.815 mg/l Test organisms (species):	
EC50 - Crustacea [1]	1.8 mg/l Test organisms (species): Daphnia magna	
EC50 72h - Algae [1]	4.3 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)	
EC50 72h - Algae [2]	2.7 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)	
EC50 96h - Algae [1]	3.8 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)	
EC50 96h - Algae [2]	2.7 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)	
Linalool (78-70-6)		
LC50 - Fish [1]	27.8 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)	
EC50 - Crustacea [1]	59 mg/l Test organisms (species): Daphnia magna	
EC50 96h - Algae [1]	88.3 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)	
EC50 96h - Algae [2]	156.7 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)	
Geraniol (106-24-1)		
LC50 - Fish [1]	≈ 22 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)	
EC50 - Crustacea [1]	10.8 mg/l Test organisms (species): Daphnia magna	
EC50 72h - Algae [1]	13.1 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)	
BETA-METHYL-CYCLODODECANEETHANOL	(118562-73-5)	
LC50 - Fish [1]	0.21 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)	

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BETA-METHYL-CYCLODODECANEETHANOL	(118562-73-5)		
EC50 - Crustacea [1]	77.8 μg/l Test organisms (species): Daphnia magna		
EC50 72h - Algae [1]	> 0.19 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)		
Piperonal (120-57-0)			
LC50 - Fish [1]	2.5 mg/l Test organisms (species): Cyprinus carpio		
EC50 - Crustacea [1]	52 mg/l Test organisms (species): Daphnia magna		
EC50 72h - Algae [1]	31 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)		
EC50 72h - Algae [2]	6.8 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)		
2,6-DI-TERT-BUTYL-4-METHYLPHENOL (128-	37-0)		
LC50 - Fish [1]	> 0.57 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)		
EC50 - Crustacea [1]	0.48 mg/l Test organisms (species): Daphnia magna		
EC50 72h - Algae [1]	> 0.4 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)		
LOEC (chronic)	1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'		
NOEC (chronic)	0.023 mg/l Test organisms (species): Daphnia magna Duration: '21 d'		

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations : Disposal must be done according to official regulations. Product/Packaging disposal recommendations : Disposal must be done according to official regulations.

Additional information : Flammable vapours may accumulate in the container. Do not re-use empty containers.

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HP Code

- : HP3 "Flammable:"
 - flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;
 - flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;
 - flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;
 - flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;
 - water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;
 - other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.

HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

SECTION 14: Transport information

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

		1.2.1	RID				
14.1. UN number or ID number							
UN 1266	UN 1266	UN 1266	UN 1266				
14.2. UN proper shipping name							
PERFUMERY PRODUCTS	Perfumery products	PERFUMERY PRODUCTS	PERFUMERY PRODUCTS				
ption							
UN 1266 PERFUMERY PRODUCTS, 3, II	UN 1266 Perfumery products, 3, II	UN 1266 PERFUMERY PRODUCTS, 3, II	UN 1266 PERFUMERY PRODUCTS, 3, II				
14.3. Transport hazard class(es)							
3	3	3	3				
	3	3	3				
1							
II	II	II	II				
ards							
Dangerous for the environment: No Marine pollutant: No EmS-No. (Fire): F-E EmS-No. (Spillage): S-D	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No				
	UN 1266 g name PERFUMERY PRODUCTS ption UN 1266 PERFUMERY PRODUCTS, 3, II lass(es) 3 II ards Dangerous for the environment: No Marine pollutant: No EmS-No. (Fire): F-E	UN 1266 In name PERFUMERY PRODUCTS Perfumery products Perfumery products UN 1266 PERFUMERY PRODUCTS, 3, II UN 1266 Perfumery products, 3, II IIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	UN 1266 UN 1266 UN 1266 UN 1266 UN 1266 UN 1266 PERFUMERY PRODUCTS Perfumery products PERFUMERY PRODUCTS PRODUCTS, 3, II UN 1266 Perfumery products, 3, II UN 1266 PERFUMERY PRODUCTS, 3, II UN 1266 PERFUMERY PRODUCTS, 3, II II II II II II II Bards Dangerous for the environment: No Marine pollutant: No EmS-No. (Fire): F-E UN 1266 PERFUMERY PRODUCTS UN 1266 PERFUMERY PRODUCTS III II				

14.6. Special precautions for user

Overland transport

Classification code (ADR) : F1
Special provisions (ADR) : 163, 640D
Limited quantities (ADR) : 5I
Excepted quantities (ADR) : E2

Packing instructions (ADR) : P001, IBC02, R001

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Mixed packing provisions (ADR) : MP19 : T4 Portable tank and bulk container instructions (ADR) Portable tank and bulk container special provisions : TP1, TP8

(ADR)

Tank code (ADR) : LGBF Vehicle for tank carriage : FL Transport category (ADR) 2 Special provisions for carriage - Operation (ADR) S2, S20 Hazard identification number (Kemler No.) 33

Orange plates

33 1266

: D/E Tunnel restriction code (ADR) EAC code : •3YE

Transport by sea

Special provisions (IMDG) : 163 Limited quantities (IMDG) 5 L Excepted quantities (IMDG) E2 Packing instructions (IMDG) P001 IBC packing instructions (IMDG) IBC02 Tank instructions (IMDG) T4 Tank special provisions (IMDG) TP1, TP8

Stowage category (IMDG) : B

Properties and observations (IMDG) : Miscibility with water depends upon the composition.

Air transport

PCA Excepted quantities (IATA) : E2 PCA Limited quantities (IATA) : Y341 PCA limited quantity max net quantity (IATA) : 1L PCA packing instructions (IATA) : 353 PCA max net quantity (IATA) : 5L CAO packing instructions (IATA) : 364 CAO max net quantity (IATA) : 60L Special provisions (IATA) : A3, A72 ERG code (IATA) : 3L

Inland waterway transport

: F1 Classification code (ADN) Special provisions (ADN) : 163, 640D Limited quantities (ADN) : 5 L Excepted quantities (ADN) : E2 Equipment required (ADN) : PP, EX, A Ventilation (ADN) : VE01 Number of blue cones/lights (ADN) : 1

Rail transport

Classification code (RID) : F1 Special provisions (RID) 163, 640D Limited quantities (RID) 5L Excepted quantities (RID) : E2

Packing instructions (RID) : P001, IBC02, R001

Mixed packing provisions (RID) : MP19 Portable tank and bulk container instructions (RID) : T4 : TP1, TP8 Portable tank and bulk container special provisions

(RID)

: LGBF Tank codes for RID tanks (RID) Transport category (RID) : 2 : CE7 Colis express (express parcels) (RID) Hazard identification number (RID) : 33

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14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

Name	CN designation	CAS-No.	CN code	Category, Subcategory	Threshold	Annex
Piperonal		120-57-0	2932 93 00	Category 1		Annex I

United Kingdom

UK REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

UK REACH Candidate List (SVHC)

Contains no substance(s) listed on the UK REACH Candidate List

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate

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Abbreviations and acre	Abbreviations and acronyms:		
BCF	Bioconcentration factor		
BLV	Biological limit value		
BOD	Biochemical oxygen demand (BOD)		
COD	Chemical oxygen demand (COD)		
DMEL	Derived Minimal Effect level		
DNEL	Derived-No Effect Level		
EC-No.	European Community number		
EC50	Median effective concentration		
EN	European Standard		
IARC	International Agency for Research on Cancer		
IATA	International Air Transport Association		
IMDG	International Maritime Dangerous Goods		
LC50	Median lethal concentration		
LD50	Median lethal dose		
LOAEL	Lowest Observed Adverse Effect Level		
NOAEC	No-Observed Adverse Effect Concentration		
NOAEL	No-Observed Adverse Effect Level		
NOEC	No-Observed Effect Concentration		
OECD	Organisation for Economic Co-operation and Development		
OEL	Occupational Exposure Limit		
PBT	Persistent Bioaccumulative Toxic		
PNEC	Predicted No-Effect Concentration		
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail		
SDS	Safety Data Sheet		
STP	Sewage treatment plant		
ThOD	Theoretical oxygen demand (ThOD)		
TLM	Median Tolerance Limit		
VOC	Volatile Organic Compounds		
CAS-No.	Chemical Abstract Service number		
N.O.S.	Not Otherwise Specified		
vPvB	Very Persistent and Very Bioaccumulative		
ED	Endocrine disruptor		

Full text of H- and EUH-statements:		
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1	
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1	
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2	
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3	
Asp. Tox. 1	Aspiration hazard, Category 1	

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Full text of H- and EUH-statements:		
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Flam. Liq. 2	Flammable liquids, Category 2	
Flam. Liq. 3	Flammable liquids, Category 3	
H225	Highly flammable liquid and vapour.	
H226	Flammable liquid and vapour.	
H304	May be fatal if swallowed and enters airways.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
H361	Suspected of damaging fertility or the unborn child.	
H373	May cause damage to organs through prolonged or repeated exposure.	
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.	
Repr. 2	Reproductive toxicity, Category 2	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	
Skin Sens. 1B	Skin sensitisation, category 1B	
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2	

The classification complies with

: ATP 12

Safety Data Sheet (SDS), UK

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