

SECTION 1. Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade name: LAUNDRY PERFUME "CRYSTAL"
 Code: 35602534 35602567
 Model: HPCC10 HPCC1040
 EAN code: 8059019043425 805901904831
 UFI code: Y410-H0EU-ROOM-8Q6F

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

Laundry scent.

Sectors of use: Private households (= general public = consumers)[SU21]

Uses advised against: Do not use for purposes other than those listed.

1.3 Details of the supplier of the safety data sheet

Distributed by:

Candy Hoover Group S.r.l.

Via Privata Eden Fumagalli - 20861 Brugherio (MB) - Italy

Tel. +39.039.20861

e-mail address of the competent person responsible for the SDS: sds@dgsar.it

1.4 Emergency telephone number

ENGLAND, SCOTLAND (NHS 24) WALES (NHS Direct Wales) - For medical Advice contact 111

SECTION 2. Hazards identification**2.1 Classification of the substance or mixture**

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms: GHS07, GHS09

Hazard Class and Category Code(s): Skin Sens. 1B, Aquatic Chronic 2

Hazard statement Code(s):

H317 May cause an allergic skin reaction

H411 Toxic to aquatic life with long lasting effects.

The product, if brought into contact with skin can cause skin sensitization.

The product is dangerous to the environment as it is toxic to aquatic life with long lasting effects

2.1 Label elements

Labelling according to Regulation (EC) No 1272/2008:

Pictogram



GHS07



GHS09

Signal Word Warning

Hazard statement Code(s):

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

Supplemental Hazard statement Code(s): not applicable

Precautionary statements:

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

P102 Keep out of reach of children.

P273 Avoid release to the environment.

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

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

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

Contains: d-limonene; (2E)-2-benzylideneoctanal; Linalyl acetate; Benzyl salicylate; Linalool; Citronellol; OCTAHYDRO TETRAMETHYL ACETONAPHTONE; 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one; 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one; acetyl cedrene; Cinnamyl alcohol; Coumarin; Eugenol.

2.2 Other hazards



No PBT, vPvB or endocrine disruptor substances present in concentration \geq 0.1%

SECTION 3. Composition/information on ingredients**3.2 Mixtures**

Substance	Concentration	Classification		
Phenylethyl alcohol	\geq 1 < 3%	Acute Tox. 4, H302 Eye Irrit. 2, H319 ATE oral = 1.610,0 mg/kg ATE dermal = 2.500,0 mg/kg	CE	ND CAS 60-12-8 EINECS 200-456-2 REACH 01-2119963921-31-XXXX

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d-limonene Note: C	>= 1 < 3%	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 ATE oral = 4.400,0 mg/kg ATE dermal = 5.000,0 mg/kg ATE inhal = 5.600,0mg/l/4 h	CE 601-029-00-7 CAS 5989-27-5 EINECS 227-813-5 REACH 01-2119529223-47-XXXX
Hexyl Cinnamic Aldehyde	>= 1 < 3%	Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1 ATE oral = 3.100,0 mg/kg	CE ND CAS 165184-98-5 EINECS 639-566-4 REACH 01-2119533092-50-XXXX
Linalyl acetate	>= 1 < 3%	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319 ATE oral = 13.934,0 mg/kg ATE dermal = 5.000,0 mg/kg	CE ND CAS 115-95-7 EINECS 204-116-4 REACH 01-2119454789-19-XXXX
2,6-dimethyloct-7-en-2-ol	>= 1 < 3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319	CE ND CAS 18479-58-8 EINECS 242-362-4 REACH 01-2119457274-37-XXXX
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate	>= 1 < 3%	Aquatic Chronic 2, H411 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1	CE ND CAS 68912-13-0 EINECS 272-805-7 REACH 01-2119969447-21-XXXX
Benzyl salicylate	>= 1 < 3%	Skin Sens. 1B, H317; Eye Irrit. 2, H319; Aquatic Chronic 3, H412 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1 ATE oral = 2.230,0 mg/kg ATE dermal = 14.150,0 mg/kg	CE ND CAS 118-58-1 EINECS 204-262-9 REACH 01-2119969442-31-XXXX
Linalool	>= 0,1 < 1%	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Irrit. 2, H319 ATE oral = 2.790,0 mg/kg ATE dermal = 5.160,0 mg/kg ATE inhal = 1,5mg/l/4 h	CE ND CAS 78-70-6 EINECS 201-134-4 REACH 01-2119474016-42-XXXX
Citronellol	>= 0,1 < 1%	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319 ATE oral = 3.450,0 mg/kg ATE dermal = 2.650,0 mg/kg	CE ND CAS 106-22-9 EINECS 203-375-0 REACH 01-2119453995-23-XXXX
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	>= 0,1 < 1%	Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1 ATE oral = 4.640,0 mg/kg ATE dermal = 6.500,0 mg/kg	CE 603-212-00-7 CAS 1222-05-5 EINECS 214-946-9 REACH 01-2119488227-29-XXXX
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	>= 0,1 < 1%	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 1, H410 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1 ATE oral = 5.001,0 mg/kg ATE dermal = 5.001,0 mg/kg	CE ND CAS 54464-57-2 EINECS 259-174-3 REACH 01-2119489989-04-XXXX
cis 3 hexenyl salicylate	>= 0,1 < 1%	Aquatic Acute 1, H400 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1	CE ND CAS 65405-77-8 EINECS 265-745-8 REACH 01-2119987320-37-XXXX
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	>= 0,1 < 1%	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 1, H410 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1	CE ND CAS 68155-66-8 EINECS 268-978-3 REACH NR --
1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	>= 0,1 < 1%	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 1, H410	CE ND CAS 68155-67-9 EINECS 268-979-9

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		Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1	REACH NR --
Acetyl cedrene	>= 0,1 < 1%	Skin Sens. 1B, H317 Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1	CE ND CAS 32388-55-9 EINECS 251-020-3 REACH NR 01-2119969651-28-XXXX
Cinnamyl alcohol	>= 0,1 < 1%	Skin Irrit. 2, H315; Skin Sens. 1B, H317 ATE oral = 2.000,0 mg/kg	CE ND CAS 104-54-1 EINECS 203-212-3 REACH NR 01-2119934496-29-XXXX
Coumarin	>= 0,1 < 1%	Acute Tox. 4, H302 Skin Sens. 1, H317 Aquatic Chronic 3, H412 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1	CE ND CAS 91-64-5 EINECS 202-086-7 REACH NR 01-2119943756-26-XXXX
Reaction mass of 2-methylbutyl salicylate and pentyl salicylate	>= 0,1 < 1%	Acute Tox. 4, H302; Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1	CE ND CAS -- EINECS 911-280-7 REACH NR 01-2119969444-27-XXXX
Eugenol	>= 0,1 < 1%	Skin Sens. 1B, H317; Eye Irrit. 2, H319 ATE oral = 1.930,0 mg/kg	CE ND CAS 97-53-0 EINECS 202-589-1 REACH NR 01-2119971802-33-XXXX

Refer to paragraph 16 for full text of hazard statements.

SECTION 4. First aid measures

4.1 Description of first aid measures

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

Direct contact with skin (of the pure product):

In case of contact with skin, wash immediately with water.

Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water for at least 10 minutes.

Ingestion:

Rinse mouth with water of the subject. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

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

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

SECTION 5. Firefighting measures

5.1 Extinguishing media

Advised extinguishing agents:

Water spray, CO₂, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

5.2 Special hazards arising from the substance or mixture

No data available.

5.3 Advice for firefighters

Use protection for the breathing apparatus Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use self-respiratory, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...) Keep containers cool with water spray.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:

Wear gloves and protective clothing.

6.1.2 For emergency responders:

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Wear gloves and protective clothing.

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert

6.2 Environmental precautions

Contain spill with earth or sand.

If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the authorities.

Discharge the remains in compliance with the regulations

6.3 Methods and material for containment and cleaning up

6.3.1 *For containment:*

Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material. Prevent it from entering the sewer system.

6.3.2 *For cleaning up:*

After wiping up, wash the area and materials involved.

6.3.3 *Other information:*

None in particular.

6.4 Reference to other sections

Refer to paragraphs 8 and 13 for more information.

SECTION 7. Handling and storage

7.1 Precautions for safe handling

Avoid contact and inhalation of vapours.

At work do not eat or drink.

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

Wear protective gloves/protective clothing/eye protection/face protection.

See also paragraph 8 below

7.2 Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly.

Do not store in open or unlabelled containers.

Keep containers upright and safe by avoiding the possibility of falls or collisions.

Store in a cool place, away from sources of heat and direct exposure of sunlight.

7.3 Specific end use(s)

Laundry scent.

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

Related to contained substances:

▪ d-limonene:

MAK: 20 110 mg/m ppm skin sensitization (Sh); Peak limitation category: II (2); Risk group for pregnancy: C; (DFG 2005).

Phenylethyl alcohol

DNEL

Systemic effects Long term Workers inhalation = 59,9 (mg/m³)

Systemic effects Long term Workers dermal = 51,2 (mg/kg bw/day)

Systemic effects Long term Consumers inhalation = 17,7 (mg/m³)

Systemic effects Long term Consumers dermal = 12,7 (mg/kg bw/day)

Systemic effects Long term Consumers oral = 5,1 (mg/kg bw/day)

▪ Linalyl acetate

DNEL

Systemic effects long term Worker's inhalation = 2,75 (mg/m³)

Systemic effects long term Workers dermal = 2,5 (mg/kg bw/day)

Systemic effects long term Consumers inhalation = 0,68 (mg/m³)

Systemic effects long term Consumers dermal = 1,25 (mg/kg bw/day)

Systemic effects long term Consumers oral = 0,2 (mg/kg bw/day)

▪ Substance: 2,6-dimethyloct-7-en-2-ol

DNEL

Systemic effects Long term Workers inhalation = 73,5 (mg/m³)

Systemic effects Long term Workers dermal = 20,8 (mg/kg bw/day)

Systemic effects Long term Consumers inhalation = 21,7 (mg/m³)

Systemic effects Long term Consumers dermal = 12,5 (mg/kg bw/day)

Systemic effects Long term Consumers oral = 12,5 (mg/kg bw/day)

▪ Linalool

DNEL

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Systemic effects long term Worker's inhalation = 2,8 (mg/m³)
 Systemic effects long term Workers dermal = 2,5 (mg/kg bw/day)
 Systemic effects long term Consumers inhalation = 0,7 (mg/m³)
 Systemic effects long term Consumers dermal = 1,25 (mg/kg bw/day)
 Systemic effects long term Consumers oral = 0,2 (mg/kg bw/day)
 Systemic effects short term Consumers inhalation = 4,1 (mg/m³)
 Systemic effects short term Consumers dermal = 2,5 (mg/kg bw/day)
 Systemic effects short term Consumers oral = 1,2 (mg/kg bw/day)
 Local effects long term Workers dermal = 15 (mg/kg bw/day)
 Local effects long term Consumers dermal = 15 (mg/kg bw/day)
 Local effects short term Workers dermal = 15 (mg/kg bw/day)
 Local effects short term Consumers dermal = 15 (mg/kg bw/day) PNEC

Sweet water = 0,2 (mg/l)

sediment sweet water = 2,22 (mg/kg/sediment)

Sea water = 0,02 (mg/l)

sediment Sea water = 0,22 (mg/kg/sediment)

intermittent emissions = 2 (mg/l)

STP = 10 (mg/l)

ground = 0,327 (mg/kg ground)

▪ Citronellol

DNEL

Systemic effects Long term Workers inhalation = 161,6 (mg/m³)

Systemic effects Long term Workers dermal = 327,4 (mg/kg bw/day)

Systemic effects Long term Consumers inhalation = 47,8 (mg/m³)

Systemic effects Long term Consumers dermal = 196,4 (mg/kg bw/day)

Systemic effects Long term Consumers oral = 13,8 (mg/kg bw/day)

PNEC

Sweet water = 0,000002 (mg/l)

sediment Sweet water = 0,0256 (mg/kg/sediment)

Sea water = 0,000002 (mg/l)

sediment Sea water = 0,00256 (mg/kg/sediment)

STP = 580 (mg/l)

ground = 0,00321 (mg/kg ground)

8.2 Exposure controls

Appropriate engineering controls

Private households (= general public = consumers): observe usual safety precautions in the handling of chemicals.

Individual protection measures

- a) Eye / face protection: not needed for normal use.
- b) Skin protection
 - i) Hand protection: when handling the pure product use chemical resistant protective gloves
 - ii) Other: wear normal work clothing.
- c) Respiratory protection: not needed for normal use.
- d) Thermal hazards: no hazard to report.

Environmental exposure controls:

Use according to good working practices to avoid pollution into the environment.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colorless
Odour	Characteristic
Melting point/freezing point	Undefined
Initial boiling point and boiling range	Undefined
Flammability	Undefined
Lower and upper explosion limit	Undefined
Flash point	> 60°C
Auto-ignition temperature	Undefined
Decomposition temperature	Undefined
pH	Undefined
Kinematic viscosity	Undefined
Solubility	Fat soluble
Partition coefficient n-octanol/water (log value)	Undefined

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Vapour pressure	Undefined
Density and/or relative density	1,000-1,020g/mL
Relative vapour density	Undefined
Particle characteristics	Not applicable

9.2 Other information

No data available.

SECTION 10. Stability and reactivity**10.1 Reactivity**

No reactivity hazards.

10.2 Chemical stability

No hazardous reaction when handled and stored according to provisions.

10.3 Possibility of hazardous reactions

There are no hazardous reactions.

10.4 Conditions to avoid

Nothing to report.

10.5 Incompatible materials

Non in particular.

10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11. Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

ATE(mix) oral = 43.454,8 mg/kg

ATE(mix) dermal = ∞

ATE(mix) inhal = ∞

acute toxicity:

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

skin corrosion/irritation:

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

serious eye damage/irritation:

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

respiratory or skin sensitization:

The product, if brought into contact with skin can cause skin sensitization.

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.

Related to contained substances

- Phenylethyl alcohol:

LD50 (rat) Oral (mg/kg body weight) = 1610

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 2500

- d-limonene:

LD50 (rat) Oral (mg/kg body weight) = 4400

LD50 Dermal (rat or rabbit) (mg/kg body weight) > 5000

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 5600

- Hexyl Cinnamic Aldehyde:

LD50 (rat) Oral (mg/kg body weight) = 3100

- Linalyl acetate:

LD50 (rat) Oral (mg/kg body weight) = 13934

LD50 Dermal (rat or rabbit) (mg/kg body weight) > 5000

- Benzyl salicylate:

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LD50 (rat) Oral (mg/kg body weight) = 2230

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 14150

- Linalool:

LD50 (rat) Oral (mg/kg body weight) = 2790

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 5160

- Citronellol:

LD50 (rat) Oral (mg/kg body weight) = 3450

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 2650

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

LD50 (rat) Oral (mg/kg body weight) > 4640

LD50 Dermal (rat or rabbit) (mg/kg body weight) > 6500

- 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one:

LD50 (rat) Oral (mg/kg body weight) = 5001

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 5001

- Cinnamyl alcohol:

LD50 (rat) Oral (mg/kg body weight) = 2000

- Eugenol:

LD50 (rat) Oral (mg/kg body weight) = 1930

11.1 Information on other hazards

No data available

SECTION 12. Ecological information

12.1 Toxicity

Related to contained substances

- Phenylethyl alcohol:

EC50 - Species: *Leuciscus idus* = 220-460 mg / l - Duration h: 96

EC50 - Species: *Daphnia magna* (Water flea) = 287.2 mg / l - Duration h: 48

EC50 - Species: Aquatic plants = 490 mg / l - Duration h: 72

EC50 - Species: Micro-organisms (*Pseudomonas putida*) = 1.320 mg / l - Duration h: 17

- d-limonene:

LC50 - Species: Fish = 0.72 mg / l - Duration h: 96

EC50 - Species: Fish = 0.688 mg / l - Duration h: 96

C(E)L50 (mg/l) = 0,688

- Hexyl Cinnamic Aldehyde:

LC50 - Species: Fish = 1.7 mg / l - Duration h: 96

- 2,6-dimethyloct-7-en-2-ol:

LC50 = 27.8 mg/L (fish, 96h)

EC50 = 38mg/L (daphnia, 48h)

EC50 = 80mg/L (algae, 72h)

- Benzyl salicylate:

LC50 - Species: Fish = 1.03 mg / l - Duration h: 96 - Notes: Method: OECD Test 203 species: *Danio rerio* (zebra fish)

EC50 - Species: *Daphnia* = 2.25 ml / l - Duration h: 48 - Notes: Method: OECD Test 202 Species: *Daphnia magna*

- Linalool:

LC50 - Species: Fish = 27.8 mg / l - Duration h: 96 - Notes: OECD 203

EC50 - Species: *Daphnia* = 59 mg / l - Duration h: 48 - Notes: OECD TG 202

EC50 - Species: Algae = 156.7 mg / l - Duration h: 96

- 2,6-dimethyloct-7-en-2-ol:

LC50 = 27.8 mg/L (fish, 96h)

EC50 = 38mg/L (daphnia, 48h)

EC50 = 80mg/L (algae, 72h)

- Citronellol:

LC50 - Species: Fish = 14.66 mg / l - Duration h: 96 - Notes: *Leuciscus idus*

EC50 - Species: *Daphnia* = 17.48 mg / l - Duration h: 48 - Notes: *Daphnia magna*

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

LC50 - Species: Fish = 0.452 mg / l - Notes: *Lepomis macrochirus*

EC50 - Species: *Daphnia* = 0.9 mg / l - Duration h: 48 - Notes: *Daphnia magna*

C(E)L50 (mg/l) = 0,47

- 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one:

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LC50 = 1.30 mg/l (fish, lepomis macrochirus, 96h) (OECD TG 203)
 EC50 = 1.38 mg/l (invertebrates, Daphnia magna, 48h) (OECD TG 202)
 EC50 = 2.60 mg/l (algae Desmodesmus subspicatus, 72h,) (OECD TG201)

▪ 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one:

LC50 = 1.30 mg/l (fish, lepomis macrochirus, 83d) OECD TG 203
 EC50 = 1.38 mg/l (invertebrates, Daphnia magna, 48 h) OECD TG 202
 EC50 = 2.60 mg/l (algae Desmodesmus subspicatus, 72 h) OECD TG 201

NOEC - Fish = 0.16 mg/l - Note: OECD 210

C(E)L50 (mg/l) = 1,3

▪ 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one:

LC50 = 1.30 mg/l (fish, lepomis macrochirus, 83d)
 EC50 = 1.38 mg/l (invertebrates, Daphnia magna, 48 h)
 EC50 = 2.60 mg/l (algae Desmodesmus subspicatus, 72 h)

C(E)L50 (mg/l) = 1,3

▪ Acetyl cedrene:

C(E)L50 (mg/l) = 2,3

▪ Coumarin:

LC50=1.324mg/L (fish, 96h)
 EC50=8.012mg/L (Daphnia, 48h)
 EC50=1.452mg/L (algae, 96h)

The product is dangerous for the environment as it is toxic to aquatic organisms following acute exposure.

Use according to good working practices to avoid pollution into the environment

12.2 Persistence and degradability

Related to contained substances

▪ 2,6-dimethyloct-7-en-2-ol:

Readily biodegradable - 72.1% (28d) OECD 301B

▪ Benzyl salicylate:

Readily biodegradable - Test: OECD TG 301 F

▪ Citronellol:

OECD TG 301 F - 80% 32d

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

Not readily biodegradable - Test: Modified Sturm's assay - 2%

▪ 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one:

OECD 301B1 - 28 days - 72.1%

12.3 Bioaccumulative potential

Related to contained substances

▪ d-limonene: can be bioaccumulation of this chemical in fish

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No PBT/vPvB ingredient is present.

12.6 Endocrine disrupting properties

No endocrine disruptor substances present in concentration \geq 0.1%

12.7 Other adverse effects

No adverse effects.

SECTION 13. Disposal considerations

13.1 Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.

Recover if possible. Send to authorized discharge plants or for incineration under controlled conditions.

Operate according to local and National rules in force

SECTION 14. Transport information

14.1 UN number or ID number

ADR/RID/IMDG/ICAO-IATA: 3082

14.2 UN proper shipping name

ADR/RID/IMDG/ICAO-IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains Limonene\Citronellol\
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran)

14.3 Transport hazard class(es)

ADR/RID/IMDG/ICAO-IATA: class 9

14.4 14.1. Packing group

ADR/RID/IMDG/ICAO-IATA: III

14.5 Environmental hazards

ADR/RID/ICAO-IATA: Product is environmentally hazardous

IMDG: Marine polluting agent : Yes

14.6 Special precautions for user

The goods must be transported by vehicles authorized to transport of dangerous goods according to the current edition of ADR requirements and applicable national regulations.

The goods must be in original packing, however, in packaging made of materials resistant to their content and not likely to generate with these dangerous reactions. People loading and unloading dangerous goods must be trained on the risks from these substances and that must be taken in case of emergency situations

14.7 Maritime transport in bulk according to IMO instruments

It is not intended to carry bulk

SECTION 15. Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Reg (EC) n. 1907/2006 (REACH)

Reg (EC) n. 1272/2008 (CLP)

Reg (EC) n. 878/2020 (Requirements for the compilation of safety data sheets)

Reg (E) n.790/2009

Dir 96/82/EC as amended.

Seveso category: E2 - ENVIRONMENTAL HAZARDS

REGULATION (EU) No 1357/2014 – waste:

HP14 - Ecotoxic

15.2 Chemical safety assessment

No chemical safety assessment was carried out by the supplier.

SECTION 16. Other information**16.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Abbreviations and acronyms used in the safety data sheet

- ACGIH American Conference of Governmental Industrial Hygienists
- ADR Accord Relatif au Transport International des Marchandises Dangereuses par Route
- bw body weight
- CSR Chemical Safety Report
- DMEL Derived Minimal Effect Level
- DNEL Derived No Effect Level
- dw dry weight
- EC Effective Concentration
- IATA International Air Transport Association
- IMDG International Maritime Dangerous Goods
- LC Lethal Concentration
- LD Lethal Dose
- m.w. molecular weight
- PBT Persistent, Bioaccumulative and Toxic
- PNEC Predicted No Effect Concentration
- OECD Organization/Office for Economic Co-operation and Development
- STEL Short Term Exposure Limit
- SVHC Substance of Very High Concern
- TLV Threshold Limit Value
- TWA Time Weighted Average
- vPvB very Persistent, very Bioaccumulative and toxic

literature references and sources for data

- Safety data sheet from the supplier of the product (Rel. 2 on 28/04/2021)
- SAX 12 Ed Van Nostrand Reinhold MERCK INDEX 15 Ed
- ECHA: European Chemicals Agency
- OSHA: European Agency for Safety and Health at Work
- IARC: International Agency for Research on Cancer
- IPCS: International Program on Chemical Safety (Cards)
- NIOSH: Registry of toxic effects of chemical substances (1983)

Haier Premium Collection _ Concentrated laundry perfume, for washing machine "Crystal"

- ACGIH: American Conference of Governmental Industrial Hygienists
- TOXNET: Toxicology Data Network
- WHO: World Health Organization
- Celest: Chemical Lists Information System
- GESTIS: International Limit Value (<https://limitvalue.ifa.dguv.de/>)

methods used for the purpose of classification

Classification based on data of all mixture components

list of relevant hazard statements and/or precautionary statements exposed to point 3

H302 = Harmful if swallowed.

H319 = Causes serious eye irritation.

H226 = Flammable liquid and vapour.

H315 = Causes skin irritation.

H317 = May cause an allergic skin reaction.

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

advice on any training appropriate for workers to ensure protection of human health and the environment

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NOTICE TO USERS

The information contained in this sheet are based on the knowledge available at the date of the preparation of this sheet.

The user must be aware of the possible risks associated with the use of the product, other than that for which the product is supplied. The sheet does not exonerate the user from knowing and applying all the regulations governing its activities. The set of regulations mentioned is simply to help the user to fulfill its obligations regarding the use of hazardous products.

This sheet does not exonerate the user from other legal obligations than those mentioned and from rules regulating possession and use of the product, since the user is the only responsible.

***This sheet supersedes all previous editions.