

Autumn equinox

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 29/04/2025 - Version: 1.0

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

1.1. Product identifier

Product form : Mixture
Trade name : Autumn equinox
UFI : XRJJ-1534-N00Q-U6HF
Product code : -
Product group : Perfume concentrate

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial
For professional use only

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

The Candle Fragrance Co.
201 Marvel Road
21801 SALISBURY USA
(443) 206-8406
contact@thecandlefragranceco.com, www.thecandlefragranceco.com

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin sensitisation, Category 1 H317
Hazardous to the aquatic environment – Chronic Hazard, H411
Category 2
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP)

: Warning

Contains

: (R)-p-mentha-1,8-diene; d-limonene; Eucalyptol; (S)-p-mentha-1,8-diene; l-limonene; MENTHONE; TRIPLAL; ACETATE LINALYLE; ACETATE MENTHANYLE; linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool; d,l-Isomenthone; l-Carvone; l-Menthone; ACETATE GERANYLE; COUMARINE; isoeugenol; HELIONAL; METHYLIONONE GAMMA; CITRONELLOL; geraniol; (2E)-3,7-dimethylocta-2,6-dien-1-ol; SALICYLATE HEXYLE
H317 - May cause an allergic skin reaction.
H411 - Toxic to aquatic life with long lasting effects.

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Precautionary statements (CLP) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P391 - Collect spillage.
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 $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of 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 Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
GALAXOLIDE	CAS-No.: 1222-05-5 EC-No.: 214-946-9 EC Index-No.: 603-212-00-7	4.3	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
COUMARINE	CAS-No.: 91-64-5 EC-No.: 202-086-7 REACH-no: 01-2119943756-26	2.6	Skin Sens. 1B, H317 Acute Tox. 3 (Oral), H301
LINALOL	CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2 REACH-no: 01-2119474016-42-0000	1.80776	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1B, H317
TRIPLAL	CAS-No.: 68039-49-6 EC-No.: 268-264-1 REACH-no: 01-2119982384-28-0001	1.7	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411
IONONE BETA	CAS-No.: 14901-07-6 EC-No.: 238-969-9 REACH-no: 01-2119449921-34-0000	1.6	Aquatic Chronic 2, H411
HELIONAL	CAS-No.: 1205-17-0 EC-No.: 214-881-6	1.5	Aquatic Chronic 2, H411 Skin Sens. 1B, H317 Repr. 2, H361

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
SALICYLATE HEXYLE	CAS-No.: 6259-76-3 EC-No.: 228-408-6 REACH-no: 01-2119638275-36-XXXX	1.4	Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Skin Sens. 1B, H317
ACETATE LINALYLE	CAS-No.: 115-95-7 EC-No.: 204-116-4 REACH-no: 01-2119454789-19-0001	1.3	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1B, H317
I-Menthol	CAS-No.: 2216-51-5 EC-No.: 218-690-9	1.29494	Skin Irrit. 2, H315 Eye Irrit. 2, H319
CEDROL CRISTALLISE	CAS-No.: 77-53-2 EC-No.: 201-035-6	1	Aquatic Chronic 2, H411
GERANIOL	CAS-No.: 106-24-1 EC-No.: 203-377-1 EC Index-No.: 603-241-00-5 REACH-no: 01-2119552430-49-0000	0.8	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317
LIMONENE DROIT (+100)	CAS-No.: 5989-27-5 EC-No.: 227-813-5 EC Index-No.: 601-096-00-2 REACH-no: 01-2119529223-47-0007	0.75	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
ACETATE MENTHANYLE	CAS-No.: 80-25-1 EC-No.: 201-264-1 REACH-no: 01-2119983293-30	0.7	Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411
CITRONELLOL	CAS-No.: 106-22-9 EC-No.: 203-375-0 REACH-no: 01-2119453995-23-0000	0.7	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1B, H317
I-Menthone	CAS-No.: 14073-97-3 EC-No.: 237-926-1	0.68414	Skin Sens. 1B, H317 Skin Irrit. 2, H315 Aquatic Chronic 3, H412 Acute Tox. 4 (Oral), H302
MENTHONE	CAS-No.: 89-80-5 EC-No.: 201-941-1 REACH-no: 05-2117234530-56-0000	0.65	Skin Sens. 1B, H317 Skin Irrit. 2, H315 Aquatic Chronic 3, H412 Acute Tox. 4 (Oral), H302
METHYLIONONE GAMMA	CAS-No.: 127-51-5 EC-No.: 204-846-3 REACH-no: 01-2119471851-35-0000	0.5	Aquatic Chronic 2, H411 Skin Sens. 1B, H317
I-Carvone	CAS-No.: 6485-40-1 EC-No.: 229-352-5 EC Index-No.: 606-148-00-8	0.40492	Skin Sens. 1B, H317
Eucalyptol	CAS-No.: 470-82-6 EC-No.: 207-431-5	0.38295	Flam. Liq. 3, H226 Skin Sens. 1B, H317 Eye Irrit. 2, H319

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
d,l-Isomenthone	CAS-No.: 491-07-6 EC-No.: 207-727-4	0.3264	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332
(S)-p-mentha-1,8-diene; l-limonene	CAS-No.: 5989-54-8 EC-No.: 227-815-6 EC Index-No.: 601-029-00-7	0.27599	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
ZENOLIDE	CAS-No.: 54982-83-1 EC-No.: 259-423-6 REACH-no: 01-2119524000-64-0000	0.25	Aquatic Acute 1, H400 Aquatic Chronic 3, H412
ISOBORNYL CYCLOHEXANOL	CAS-No.: 3407-42-9 EC-No.: 222-294-1 REACH-no: 01-2119979583-21	0.2	Aquatic Acute 1, H400 Aquatic Chronic 2, H411
ACETATE GERANYLE	CAS-No.: 105-87-3 EC-No.: 203-341-5 REACH-no: 01-2119973480-35	0.1	Skin Sens. 1B, H317 Skin Irrit. 2, H315 Aquatic Chronic 3, H412
Isoeugenol	CAS-No.: 97-54-1 EC-No.: 202-590-7 EC Index-No.: 604-094-00-X	0.0015	Skin Sens. 1A, H317

Specific concentration limits:

Name	Product identifier	Specific concentration limits (%)
Isoeugenol	CAS-No.: 97-54-1 EC-No.: 202-590-7 EC Index-No.: 604-094-00-X	(0.01 ≤ C ≤ 100) Skin Sens. 1A, H317

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	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of water/... If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instruction on this label). Wash contaminated clothing before reuse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/effects after inhalation	: May cause an allergic skin reaction.
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4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.
Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing dust/fume/gas/mist/vapours/spray.
Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.
Maximum storage period : 12 months

Switzerland

Storage class (LK) : LK 10/12 - Liquids

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses

8.2.2.2. Skin protection

Hand protection:

Wear protective gloves.

8.2.2.3. Respiratory protection

Respiratory protection:

Wear appropriate mask

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: colourless to yellow.
Odour	: Fresh. Powder. Herbal.
Odour threshold	: Not available
Melting point	: Not available

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Freezing point	: Not available
Boiling point	: Not available
Flammability	: Non flammable.
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: 104 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: Not available
Solubility	: Alcohol.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: 0.941 (0.936 – 0.946)
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

Refractive index : 1.485 (1.48 – 1.49)

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

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

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Eucalyptol (470-82-6)

LD50 oral	2480 mg/kg bodyweight
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MENTHONE (89-80-5)	
LD50 oral	500 mg/kg bodyweight
TRIPLAL (68039-49-6)	
LD50 oral	3900 mg/kg bodyweight
LINALOL (78-70-6)	
LD50 oral	2790 mg/kg bodyweight
d,l-Isomenthone (491-07-6)	
LD50 oral	1690 mg/kg bodyweight
LC50 Inhalation - Rat (Dust/Mist)	1.5 mg/l/4h
l-Carvone (6485-40-1)	
LD50 oral	2500 mg/kg bodyweight
LD50 dermal	3800 mg/kg bodyweight
l-Menthol (2216-51-5)	
LD50 oral	2500 mg/kg bodyweight
LC50 Inhalation - Rat (Dust/Mist)	5.3 mg/l/4h
l-Menthone (14073-97-3)	
LD50 oral	500 mg/kg bodyweight
COUMARINE (91-64-5)	
LD50 oral	290 mg/kg bodyweight
Isoeugenol (97-54-1)	
LD50 oral	1500 mg/kg bodyweight
LD50 dermal	1912 mg/kg bodyweight
HELIONAL (1205-17-0)	
LD50 oral	3562 mg/kg bodyweight
IONONE BETA (14901-07-6)	
LD50 oral	3490 mg/kg bodyweight
CITRONELLOL (106-22-9)	
LD50 oral	3450 mg/kg bodyweight
LD50 dermal	2650 mg/kg bodyweight
GERANIOL (106-24-1)	
LD50 oral	3600 mg/kg bodyweight
ZENOLIDE (54982-83-1)	
LD50 oral	4500 mg/kg bodyweight

Skin corrosion/irritation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met

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Carcinogenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-single exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-repeated exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified
Additional information	: Based on available data, the classification criteria are not met

LIMONENE DROIT (+100) (5989-27-5)

Viscosity, kinematic	1.3 mm²/s
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11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met
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SECTION 12: Ecological information

12.1. Toxicity

Ecology - water	: Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

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Persistence and degradability	May cause long-term adverse effects in the environment.
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LIMONENE DROIT (+100) (5989-27-5)

Persistence and degradability	May cause long-term adverse effects in the environment.
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Eucalyptol (470-82-6)

Persistence and degradability	Rapidly degradable
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(S)-p-mentha-1,8-diene; l-limonene (5989-54-8)

Persistence and degradability	Rapidly degradable
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MENTHONE (89-80-5)

Persistence and degradability	Rapidly degradable
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TRIPLAL (68039-49-6)

Persistence and degradability	Rapidly degradable
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ACETATE LINALYLE (115-95-7)

Persistence and degradability	Not established.
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ACETATE MENTHANYLE (80-25-1)

Persistence and degradability	May cause long-term adverse effects in the environment.
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LINALOL (78-70-6)	
Persistence and degradability	Not established.
d,l-Isomenthone (491-07-6)	
Persistence and degradability	Rapidly degradable
l-Carvone (6485-40-1)	
Persistence and degradability	Rapidly degradable
l-Menthol (2216-51-5)	
Persistence and degradability	Rapidly degradable
l-Menthone (14073-97-3)	
Persistence and degradability	Rapidly degradable
ACETATE GERANYLE (105-87-3)	
Persistence and degradability	May cause long-term adverse effects in the environment.
CEDROL CRISTALLISE (77-53-2)	
Persistence and degradability	May cause long-term adverse effects in the environment.
COUMARINE (91-64-5)	
Persistence and degradability	May cause long-term adverse effects in the environment.
Isoeugenol (97-54-1)	
Persistence and degradability	Rapidly degradable
GALAXOLIDE (1222-05-5)	
Persistence and degradability	May cause long-term adverse effects in the environment.
HELIONAL (1205-17-0)	
Persistence and degradability	May cause long-term adverse effects in the environment.
IONONE BETA (14901-07-6)	
Persistence and degradability	Not established,May cause long-term adverse effects in the environment.
METHYLIONONE GAMMA (127-51-5)	
Persistence and degradability	May cause long-term adverse effects in the environment.
CITRONELLOL (106-22-9)	
Persistence and degradability	Rapidly degradable
GERANIOL (106-24-1)	
Persistence and degradability	Rapidly degradable
SALICYLATE HEXYLE (6259-76-3)	
Persistence and degradability	May cause long-term adverse effects in the environment.
ISOBORNYL CYCLOHEXANOL (3407-42-9)	
Persistence and degradability	Rapidly degradable
ZENOLIDE (54982-83-1)	
Persistence and degradability	Rapidly degradable

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12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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LIMONENE DROIT (+100) (5989-27-5)

Partition coefficient n-octanol/water (Log Pow)	4.57
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Bioaccumulative potential	Not established.
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ACETATE LINALYLE (115-95-7)

Bioaccumulative potential	Not established.
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ACETATE MENTHANYLE (80-25-1)

Bioaccumulative potential	Not established.
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LINALOL (78-70-6)

Bioaccumulative potential	Not established.
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ACETATE GERANYLE (105-87-3)

Bioaccumulative potential	Not established.
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CEDROL CRISTALLISE (77-53-2)

Bioaccumulative potential	Not established.
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COUMARINE (91-64-5)

Bioaccumulative potential	Not established.
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GALAXOLIDE (1222-05-5)

Bioaccumulative potential	Not established.
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HELIONAL (1205-17-0)

Bioaccumulative potential	Not established.
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IONONE BETA (14901-07-6)

Bioaccumulative potential	Not established.
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METHYLIONONE GAMMA (127-51-5)

Bioaccumulative potential	Not established.
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SALICYLATE HEXYLE (6259-76-3)

Bioaccumulative potential	Not established.
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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

Additional information : Avoid release to the environment.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Ecological information	: Avoid release to the environment.

SECTION 14: Transport information

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

14.1. UN number or ID number

UN-No. (ADR)	: UN 3082
UN-No. (IMDG)	: UN 3082
UN-No. (IATA)	: UN 3082
UN-No. (ADN)	: UN 3082
UN-No. (RID)	: UN 3082

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (IMDG)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (IATA)	: Environmentally hazardous substance, liquid, n.o.s.
Proper Shipping Name (ADN)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (RID)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport document description (ADR)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (TRIPLAL), 9, III, (-)
Transport document description (IMDG)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, MARINE POLLUTANT
Transport document description (IATA)	: UN 3082 Environmentally hazardous substance, liquid, n.o.s., 9, III
Transport document description (ADN)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III
Transport document description (RID)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR)	: 9
Danger labels (ADR)	: 9
	:



IMDG

Transport hazard class(es) (IMDG)	: 9
Danger labels (IMDG)	: 9
	:



IATA

Transport hazard class(es) (IATA)	: 9
Danger labels (IATA)	: 9
	:



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ADN

Transport hazard class(es) (ADN)

: 9

Danger labels (ADN)

: 9

:



RID

Transport hazard class(es) (RID)

: 9

Danger labels (RID)

: 9

:



14.4. Packing group

Packing group (ADR)

: III

Packing group (IMDG)

: III

Packing group (IATA)

: III

Packing group (ADN)

: III

Packing group (RID)

: III

14.5. Environmental hazards

Dangerous for the environment

: Yes

Marine pollutant

: Yes

Other information

: No supplementary information available

14.6. Special precautions for user

Overland transport

Classification code (ADR)

: M6

Special provisions (ADR)

: 274, 335, 375, 601

Limited quantities (ADR)

: 5I

Excepted quantities (ADR)

: E1

Packing instructions (ADR)

: P001, IBC03, LP01, R001

Special packing provisions (ADR)

: PP1

Mixed packing provisions (ADR)

: MP19

Portable tank and bulk container instructions (ADR)

: T4

Portable tank and bulk container special provisions (ADR)

: TP1, TP29

Tank code (ADR)

: LGBV

Vehicle for tank carriage

: AT

Transport category (ADR)

: 3

Special provisions for carriage - Packages (ADR)

: V12

Special provisions for carriage - Loading, unloading and handling (ADR)

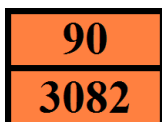
: CV13

Hazard identification number (Kemler No.)

: 90

Orange plates

:



Tunnel restriction code (ADR)

: -

EAC code

: •3Z

Transport by sea

Special provisions (IMDG)

: 274, 335, 969

Limited quantities (IMDG)

: 5 L

Excepted quantities (IMDG)

: E1

Packing instructions (IMDG)

: LP01, P001

Special packing provisions (IMDG)

: PP1

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IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-F
Stowage category (IMDG)	: A

Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provisions (IATA)	: A97, A158, A197, A215
ERG code (IATA)	: 9L

Inland waterway transport

Classification code (ADN)	: M6
Special provisions (ADN)	: 274, 335, 375, 601
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Carriage permitted (ADN)	: T
Equipment required (ADN)	: PP
Number of blue cones/lights (ADN)	: 0

Rail transport

Classification code (RID)	: M6
Special provisions (RID)	: 274, 335, 375, 601
Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Special packing provisions (RID)	: PP1
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T4
Portable tank and bulk container special provisions (RID)	: TP1, TP29
Tank codes for RID tanks (RID)	: LGBV
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12
Special provisions for carriage - Loading, unloading and handling (RID)	: CW13, CW31
Colis express (express parcels) (RID)	: CE8
Hazard identification number (RID)	: 90

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

15.1.1. 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)

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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)

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit 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 no 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)

15.1.2. National regulations

Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG).
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).
Water hazard class (WGK) : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1).
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen : TRIPLAL is listed
SZW-lijst van mutagene stoffen : TRIPLAL is listed
SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

Denmark

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Other information : None.

Full text of H- and EUH-statements:

Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4

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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
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
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.
H332	Harmful if inhaled.
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.
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A
Skin Sens. 1B	Skin sensitisation, category 1B

Safety Data Sheet (SDS), EU

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.