

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	:	Frankincense
UFI	:	TAYW-34RH-P00D-TXR0
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

Candle Fragrance Supply 201 Marvel Road 21801 SALISBURY USA (443) 206-8406 contact@candlefragrancesupply.com, www.candlefragrancesupply.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 corrosion/irritation, Category 2	H315
Skin sensitisation, Category 1	H317
Hazardous to the aquatic environment – Acute Hazard,	H400
Category 1	
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

Causes skin irritation. May cause an allergic skin reaction. Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]		
Hazard pictograms (CLP)		
	GHS07 GHS09	
Signal word (CLP)	: Warning	
Contains	: ALDEHYDE C12 MNA; CASHMERAN; CEDRAMBER; ISO E SUPER; KOAVONE;	
	LIMONENE DROIT (+100); PINENE ALPHA; PINENE BETA; VERTILIONE	

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Hazard statements (CLP)	H315 - Causes skin irritation.
Tiazaiù statements (CEF)	
	H317 - May cause an allergic skin reaction.
	H410 - Very toxic to aquatic life with long lasting effects.
Precautionary statements (CLP) :	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
	P264 - Wash hands, forearms and face thoroughly after handling.
	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).
	P332+P313 - If skin irritation occurs: Get medical advice/attention.
	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/vPvB substances ≥ 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 is 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]
ETHYLENE BRASSYLATE	CAS-No.: 105-95-3 EC-No.: 203-347-8 REACH-no: 01-2119976314- 33	5 – 10	Aquatic Chronic 2, H411
VERTILIONE	CAS-No.: 32388-55-9 EC-No.: 251-020-3 REACH-no: 01-2119969651- 28	5 – 10	Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Skin Sens. 1B, H317
KOAVONE	CAS-No.: 81786-73-4 EC-No.: 279-822-9	5 – 10	Aquatic Chronic 2, H411 Skin Sens. 1B, H317
CEDRAMBER	CAS-No.: 19870-74-7 EC-No.: 243-384-7 REACH-no: 01-2120228335- 61	5 – 10	Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Skin Sens. 1B, H317
GALAXOLIDE	CAS-No.: 1222-05-5 EC-No.: 214-946-9 EC Index-No.: 603-212-00-7	5 – 10	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
ISO E SUPER	CAS-No.: 54464-57-2 EC-No.: 259-174-3 REACH-no: 01-2119489989- 04-XXXX	1 – 5	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
ACETATE ISO BORNYLE	CAS-No.: 125-12-2 EC-No.: 204-727-6 REACH-no: 01-2119901856- 34-XXXX	1 – 5	Skin Irrit. 2, H315 Aquatic Chronic 2, H411
PINENE ALPHA	CAS-No.: 80-56-8 EC-No.: 201-291-9 REACH-no: 01-2119979519- 16-0000	1 – 5	Asp. Tox. 1, H304 Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317
ALDEHYDE C12 MNA	CAS-No.: 110-41-8 EC-No.: 203-765-0 REACH-no: 01-2119969443- 29-0001	1 – 5	Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Skin Irrit. 2, H315 Skin Sens. 1B, H317
CASHMERAN	CAS-No.: 33704-61-9 EC-No.: 251-649-3	0.1 – 1	Eye Irrit. 2, H319 Aquatic Chronic 2, H411 Skin Irrit. 2, H315 Skin Sens. 1B, H317
PINENE BETA	CAS-No.: 127-91-3 EC-No.: 204-872-5 REACH-no: 01-2119519230- 54-0000	0.1 – 1	Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, 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	0.1 – 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
alpha-Cedrene	CAS-No.: 469-61-4 EC-No.: 207-418-4	0.1 – 1	Asp. Tox. 1, H304 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10) Skin Irrit. 2, H315
beta-Cedrene	CAS-No.: 546-28-1	0.1 – 1	Asp. Tox. 1, H304 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)

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

SECTION 4: First aid measures

4.1. Description of mist all 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	: Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. Wash with plenty of water/ Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instruction on this label). If skin irritation or rash occurs:

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First-aid measures after eye contact	: Rinse eyes with water as a precaution. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	 Call a poison center or a doctor if you feel unwell. Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and effects	s, both acute and delayed
Symptoms/effects after inhalation Symptoms/effects after skin contact	: May cause an allergic skin reaction. : Irritation. May cause an allergic skin reaction. Causes skin irritation.

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

Treat symptomatically.

SECTION 5: Firefighting measures		
5.1. Extinguishing media		
Suitable extinguishing media Unsuitable extinguishing media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.Do not use a heavy water stream.	
5.2. Special hazards arising from the substance or mixture		
Hazardous decomposition products in case of fire	: Toxic fumes may be released.	
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 attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. 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	 Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Evacuate unnecessary personnel. 		
6.1.2. 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". 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		
For containment	: Collect spillage.	
Methods for cleaning up	: Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.	
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. See Section 8. Exposure controls and personal protection.

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SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling Hygiene measures	 Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. 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. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash hands, forearms and face thoroughly after handling. 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 Incompatible products Incompatible materials Maximum storage period	 Store in a well-ventilated place. Keep cool. Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use. Strong bases. Strong acids. Sources of ignition. Direct sunlight. 12 months
7.3. Specific end use(s)	

No additional information available

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

Appropriate engineering controls:

Ensure good ventilation of the work station.

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: Safety glasses. Chemical goggles or safety glasses

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8.2.2.2. Skin protection

Skin and body protection: Wear suitable protective clothing

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

Environmental exposure controls:

Avoid release to the environment.

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 Colour Odour Odour threshold Melting point Freezing point Boiling point Flammability Lower explosion limit Upper explosion limit Flash point Auto-ignition temperature Decomposition temperature	 Liquid Yellow. Oriental. Spicy. Not available Not available Not available Not available Not flammable. Not available Not available > 62 °C Not available Not available Not available
pH Viscosity, kinematic Solubility	: Not available : Not available : Alcohol.
Partition coefficient n-octanol/water (Log Kow) Vapour pressure Vapour pressure at 50°C Density Relative density Relative vapour density at 20°C Particle characteristics	 Not available Not available Not available Not available 0.906 (0.901 – 0.911) Not available
	: 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

: 1.458 (1.453 - 1.463)

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

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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 inform	ation		
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008			
Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	: Not classified : Not classified : Not classified		
CASHMERAN (33704-61-9)			
LD50 oral	2900 mg/kg bodyweight		
PINENE ALPHA (80-56-8)			
LD50 oral	500 mg/kg bodyweight		
VERTILIONE (32388-55-9)			
LD50 oral	4500 mg/kg bodyweight		
Skin corrosion/irritation Serious eye damage/irritation Additional information Respiratory or skin sensitisation Germ cell mutagenicity Additional information Carcinogenicity Additional information Reproductive toxicity Additional information STOT-single exposure Additional information STOT-repeated exposure Additional information Aspiration hazard Additional information	 Causes skin irritation. Not classified Based on available data, the classification criteria are not met May cause an allergic skin reaction. Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met 		
LIMONENE DROIT (+100) (5989-27-5)			
Viscosity, kinematic	1.3 mm²/s		
11.2. Information on other hazards			

11.2.1. Endocrine disrupting properties

No additional information available

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11.2.2. Other information

Potential adverse human health effects and symptoms

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

SECTION 12: Ecological information			
12.1. Toxicity			
Ecology - water : Hazardous to the aquatic environment, short-term : (acute)	Very toxic to aquatic life with long lasting effects. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.		
12.2. Persistence and degradability			
Frankincense			
Persistence and degradability	May cause long-term adverse effects in the environment.		
ALDEHYDE C12 MNA (110-41-8)			
Persistence and degradability	May cause long-term adverse effects in the environment.		
CASHMERAN (33704-61-9)			
Persistence and degradability	May cause long-term adverse effects in the environment.		
ETHYLENE BRASSYLATE (105-95-3)			
Persistence and degradability	May cause long-term adverse effects in the environment.		
GALAXOLIDE (1222-05-5)			
Persistence and degradability	May cause long-term adverse effects in the environment.		
ISO E SUPER (54464-57-2)			
Persistence and degradability	May cause long-term adverse effects in the environment.		
LIMONENE DROIT (+100) (5989-27-5)			
Persistence and degradability	May cause long-term adverse effects in the environment.		
PINENE ALPHA (80-56-8)			
Persistence and degradability	May cause long-term adverse effects in the environment.		
PINENE BETA (127-91-3)			
Persistence and degradability	May cause long-term adverse effects in the environment.		
VERTILIONE (32388-55-9)			
Persistence and degradability	May cause long-term adverse effects in the environment.		
12.3. Bioaccumulative potential			
Frankincense			
Bioaccumulative potential	Not established.		
ALDEHYDE C12 MNA (110-41-8)			
Bioaccumulative potential	Not established.		

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CASHMERAN (33704-61-9)	
Bioaccumulative potential	Not established.
ETHYLENE BRASSYLATE (105-95-3)	
Bioaccumulative potential	Not established.
GALAXOLIDE (1222-05-5)	
Bioaccumulative potential	Not established.
ISO E SUPER (54464-57-2)	
Bioaccumulative potential	Not established.
LIMONENE DROIT (+100) (5989-27-5)	
Partition coefficient n-octanol/water (Log Pow)	4.57
Bioaccumulative potential	Not established.
PINENE ALPHA (80-56-8)	
Bioaccumulative potential	Not established.
PINENE BETA (127-91-3)	
Bioaccumulative potential	Not established.
VERTILIONE (32388-55-9)	
Bioaccumulative potential	Not established.
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.
SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Waste treatment methods : Product/Packaging disposal recommendations : Ecology - waste materials :	Dispose of contents/container in accordance with licensed collector's sorting instructions. 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. Avoid release to the environment.
Looogy - waste materials .	

			4.5
SECTION 1	4: I rans	port inforr	nation

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

14.1. UN number or ID number		
UN-No. (ADR) UN-No. (IMDG)	: UN 3082 : UN 3082	

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UN-No. (IATA) UN-No. (ADN) UN-No. (RID)	: UN 3082 : UN 3082 : UN 3082
14.2. UN proper shipping name	
Proper Shipping Name (ADR) Proper Shipping Name (IMDG) Proper Shipping Name (IATA) Proper Shipping Name (ADN) Proper Shipping Name (RID) Transport document description (ADR)	 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER), 9, III, (-)
Transport document description (IMDG)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER), 9, III, MARINE POLLUTANT
Transport document description (IATA) Transport document description (ADN)	 : UN 3082 Environmentally hazardous substance, liquid, n.o.s. (ISO E SUPER), 9, III : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER), 9, III
Transport document description (RID)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER), 9, III

14.3. Transport hazard class(es)

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

IMDG

ΙΑΤΑ

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

Transport hazard class(es) (IATA)

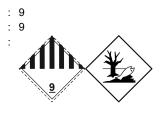
Transport hazard class(es) (ADN)

Danger labels (IATA)

Danger labels (ADN)

:	9 9
:	





: 9

: 9

ADN

RID Transport hazard class(es) (RID) Danger labels (RID)

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14.4. Packing group		
Packing group (ADR)	: 111	
Packing group (IMDG)	: 111	
Packing group (IATA)	: 111	
Packing group (ADN)		
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) Excepted quantities (ADR)	: 5l : 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	: CV13	
and handling (ADR)		
Hazard identification number (Kemler No.)	: 90	
Orange plates	<u>90</u> <u>3082</u>	
Tunnel restriction code (ADR)		
EAC code	•3Z	
Transport by sea		
Special provisions (IMDG)	: 274, 335, 969	
Limited quantities (IMDG)	: 5L	
Excepted quantities (IMDG)	: E1	
Packing instructions (IMDG)	: LP01, P001	
Special packing provisions (IMDG)	: PP1	
IBC packing instructions (IMDG)	: IBC03	
Tank instructions (IMDG)	: T4	
Tank special provisions (IMDG)	: TP1, TP29	
EmS-No. (Fire) EmS-No. (Spillage)	: F-A : S-F	
Stowage category (IMDG)	: S-F : A	
Air transport		
PCA Excepted quantities (IATA)	: E1	
PCA Limited quantities (IATA)	: Y964	
PCA limited quantity max net quantity (IATA)	: 30kgG	

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PCA packing instructions (IATA) PCA max net quantity (IATA) CAO packing instructions (IATA) CAO max net quantity (IATA) Special provisions (IATA)	: 964 : 450L : 964 : 450L : A97, A158, A197, A215
ERG code (IATA)	: 9L
Inland waterway transport Classification code (ADN) Special provisions (ADN) Limited quantities (ADN) Excepted quantities (ADN) Carriage permitted (ADN) Equipment required (ADN) Number of blue cones/lights (ADN)	: M6 : 274, 335, 375, 601 : 5 L : E1 : T : PP : 0
Rail transportClassification code (RID)Special provisions (RID)Limited quantities (RID)Excepted quantities (RID)Packing instructions (RID)Special packing provisions (RID)Mixed packing provisions (RID)Portable tank and bulk container instructions (RID)Portable tank and bulk container special provisions (RID)	 M6 274, 335, 375, 601 5L E1 P001, IBC03, LP01, R001 PP1 MP19 T4 TP1, TP29
 (RID) Tank codes for RID tanks (RID) Transport category (RID) Special provisions for carriage – Packages (RID) Special provisions for carriage - Loading, unloading and handling (RID) Colis express (express parcels) (RID) Hazard identification number (RID) 	: LGBV : 3 : W12 : CW13, CW31 : CE8 : 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)

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)

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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

Water hazard class (WGK) Hazardous Incident Ordinance (12. BImSchV)	 WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1). Is not subject of the Hazardous Incident Ordinance (12. BImSchV)
Netherlands	
SZW-lijst van kankerverwekkende stoffen SZW-lijst van mutagene stoffen SZW-lijst van reprotoxische stoffen – Borstvoeding SZW-lijst van reprotoxische stoffen – Vruchtbaarheid SZW-lijst van reprotoxische stoffen – Ontwikkeling	 None of the components are listed
Denmark Classification remarks Danish National Regulations	 Emergency management guidelines for the storage of flammable liquids must be followed 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

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	
BLV	Biological limit value	
CAS-No.	Chemical Abstract Service number	
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	
EC50	Median effective concentration	
EC-No.	European Community number	
EN	European Standard	
ΙΑΤΑ	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	

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Abbreviations and acronyms:	
NOEC	No-Observed Effect Concentration
OEL	Occupational Exposure Limit
РВТ	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

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.
 None.

Other information

Full text of H- and EUH-statements:		
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
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 Irrit. 2	Serious eye damage/eye irritation, Category 2	
Flam. Liq. 3	Flammable liquids, Category 3	
H226	Flammable liquid and vapour.	
H302	Harmful if swallowed.	
H304	May be fatal if swallowed and enters airways.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H319	Causes serious eye irritation.	
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.	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
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.