

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 9/16/2024

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

1.1. Product identifier

Product form : Mixture

Trade name : NORTH STAR CLP #EU56477F UFI : 79MN-WCHV-E00V-ASDY

Product code : EU56477F

Type of product : Perfumes, fragrances Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Professional use.Industrial use

Industrial/Professional use spec · Industrial

For professional use only Use of the substance/mixture : Perfumes, fragrances : Odour agents

1.2.2. Uses advised against

Function or use category

No additional information available

1.3. Details of the supplier of the safety data sheet

FRENCH COLOR & FRAGRANCE International GmbH

Mittlerer Weg 35 DE 79424 Auggen

Germany

T 49-7631-931-8900

SDS@frenchcolor.com, www.frenchcolor.com

1.4. Emergency telephone number

Emergency number : 1-800-255-3924; +01-813-248-0585; China:+400-120-0751; Mexico:+01-800-099-0731;

Brazil: +0-800-591-6042; India: +000-800-100-4086

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 Serious eye damage/eye irritation, Category 2 H319 H317 Skin sensitisation, 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. Causes serious eye irritation. Toxic to aquatic life with long lasting effects. May cause an allergic skin reaction.

2.2. Label elements

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

Hazard pictograms (CLP)



GHS07 GHS09

Signal word (CLP) : Warning

Safety Data Sheet

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

Contains : Aldehyde C-16; Vertenex; Hexyl cinnamic aldehyde; turpentine, oil; 1-(1,2,3,4,5,6,7,8-

Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone; Cedramber; Vertofix; CUPRESSUS FUNEBRIS WOOD OIL; Orange oil; Patchouli oil; Triplal (Vertocitral);

Trimofix O; Artemesia vulgaris oil (Armoise); Elemi oil

Hazard statements (CLP) : H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation.

H411 - 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.

Extra phrases : For professional users only.

2.3. Other hazards

Contains no PBT and/or 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 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]
Bis(2-ethylhexyl) adipate substance with national workplace exposure limit(s) (PL)	CAS-No.: 103-23-1 EC-No.: 203-090-1 REACH-no: 01-2119439699- 19	31.7 – 63.4746	Not classified
benzyl benzoate	CAS-No.: 120-51-4 EC-No.: 204-402-9 EC Index-No.: 607-085-00-9 REACH-no: 01-2119976371- 33	4.3 – 8.52	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Aldehyde C-16	CAS-No.: 77-83-8 EC-No.: 201-061-8 REACH-no: 01-2119967770- 28	1.1 – 2.1	Skin Sens. 1B, H317 Aquatic Chronic 2, H411
Vertenex	CAS-No.: 32210-23-4 EC-No.: 250-954-9 REACH-no: 01-2119976286- 24	1.1 – 2.1	Skin Sens. 1B, H317
Hexyl cinnamic aldehyde	CAS-No.: 101-86-0 EC-No.: 202-983-3 REACH-no: 01-2119533092- 50	1 – 2	Skin Sens. 1, H317 Aquatic Chronic 2, H411

Safety Data Sheet

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
turpentine, oil substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DK, EE, ES, FI, FR, GB, GR, HR, IE, LT, PL, PT, RO, SE, SK, NO, CH, TR)	CAS-No.: 8006-64-2 EC-No.: 232-350-7 EC Index-No.: 650-002-00-6	1 – 2	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:vapour), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411	
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone	CAS-No.: 54464-57-2 EC-No.: 259-174-3 REACH-no: 01-2119489989- 04	0.9 – 1.8	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410	
Verdox	CAS-No.: 88-41-5 EC-No.: 201-828-7 REACH-no: 01-2119970713- 33	0.9 – 1.8	Aquatic Chronic 2, H411	
Cedramber	CAS-No.: 19870-74-7 EC-No.: 243-384-7	0.8 – 1.6	Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Skin Sens. 1B, H317	
Vertofix	CAS-No.: 32388-55-9 EC-No.: 251-020-3 REACH-no: 01-2119969651- 28	0.7 – 1.4	Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	
CUPRESSUS FUNEBRIS WOOD OIL	CAS-No.: 85085-29-6 EC-No.: 285-360-9	0.7 – 1.4	Skin Corr. 1, H314 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411	
Terpinyl acetate	CAS-No.: 80-26-2 EC-No.: 201-265-7	0.7 – 1.3	Aquatic Chronic 2, H411	
Orange oil	CAS-No.: 8008-57-9 EC-No.: 232-433-8 REACH-no: 01-2119493353- 35	0.5 – 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 2, H411	
Patchouli oil	CAS-No.: 8014-09-3 EC-No.: 616-944-7 EC Index-No.: 616-944-7	0.3 – 0.6	Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411	
Triplal (Vertocitral)	CAS-No.: 68039-49-6 EC-No.: 268-264-1	0.3 – 0.5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412	
Trimofix O	CAS-No.: 144020-22-4 EC-No.: 482-330-9	0.2 – 0.4	Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Skin Sens. 1B, H317	

Safety Data Sheet

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

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Artemesia vulgaris oil (Armoise)	CAS-No.: 68991-20-8 EC-No.: 283-874-8	0.1 – 0.2	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 STOT SE 2, H371 Asp. Tox. 1, H304 Aquatic Chronic 3, H412 Eye Irrit. 2, H319
Elemi oil	CAS-No.: 8023-89-0	0.1 – 0.2	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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

SECTION 4: First aid measures

First-aid measures after eye contact

First-aid measures after ingestion

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	: 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	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see Get medical advice/attention. on this label). If skin irritation occurs: Get medical advice/attention. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

persists. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison

: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness

center or a doctor if you feel unwell.

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

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Eye 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 : Sand. 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

Hazardous decomposition products in case of fire : Toxic fumes may be released.

Safety Data Sheet

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

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.

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

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes.

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

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Equip cleanup crew

with proper protection. For further information refer to section 8: "Exposure

controls/personal protection".

Emergency procedures : Ventilate area.

6.2. Environmental precautions

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

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

See Section 8. Exposure controls and personal protection. For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. 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 contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always

allowed out of the workplace. 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

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep away

from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep

container closed when not in use. Store in a well-ventilated place. Keep cool.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

Storage temperature : 25 °C

Storage area : Store in a well-ventilated place. Store away from heat.

Special rules on packaging : Store in a closed container.

Packaging materials : Do not store in corrodable metal.

Germany

Storage class (LGK, TRGS 510) : LGK 10 - Combustible liquids

9/16/2024 (Issue date) EN (English) 5/20

Safety Data Sheet

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

Joint storage table : LCK 1

LGK 1 LGK 2A LGK 2B LGK 3 LGK 4.1A LGK 4.1B LGK 4.2 LGK 4.3 LGK 5.1A LGK 5.1B LGK 5.1C LGK 5.2 LGK 6.1A LGK 6.1C LGK 6.1B LGK 6.1D _GK 6.2 LGK 7 LGK 8A LGK 8B LGK 11 LGK 12 LGK 10 LGK 13 LGK 10-13

Joint storage not permitted for : LGK 1, LGK 2A, LGK 5.1A, LGK 6.2, LGK 7

Joint storage with restrictions permitted for : LGK 4.1A, LGK 4.2, LGK 4.3, LGK 5.1B, LGK 5.1C, LGK 5.2

Joint storage permitted for : LGK 2B, LGK 3, LGK 4.1B, LGK 6.1A, LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B,

LGK 10, LGK 11, LGK 12, LGK 13, LGK 10-13

Switzerland

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

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

Bis(2-ethylhexyl) adipate (103-23-1)		
Poland - Occupational Exposure Limits		
NDS (OEL TWA)	400 mg/m³	
turpentine, oil (8006-64-2)		
Austria - Occupational Exposure Limits		
MAK (OEL TWA)	560 mg/m³	
	100 ppm	
MAK (OEL STEL)	560 mg/m³	
	100 ppm	
OEL C	560 mg/m³	
	100 ppm	
OEL chemical category	Skin notation, Skin sensitizer	
Belgium - Occupational Exposure Limits		
OEL TWA	20 ppm	
Bulgaria - Occupational Exposure Limits		
OEL TWA	300 mg/m³	
Croatia - Occupational Exposure Limits		
GVI (OEL TWA)	566 mg/m³	
	100 ppm	
KGVI (OEL STEL)	850 mg/m³	
	150 ppm	
OEL chemical category	Skin notation	
Czech Republic - Occupational Exposure Limits		
PEL (OEL TWA)	300 mg/m³ (steam)	

Safety Data Sheet

Demark - Occupational Exposure Limits OEL STEL 25 ppm OEL STEL 280 mg/m³ 50 ppm Estonia - Occupational Exposure Limits OEL TWA 150 mg/m³ (Turpentine produced from Nordic conifers has an irritating effect on the skin, monolarpenes, with the exception of 3-Carrene, have a leaser effect) 25 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monolarpenes, with the exception of 3-Carrene, have a leaser effect) OEL STEL 300 mg/m³ (Turpentine produced from Nordic conifers has an irritating effect on the skin, monolarpenes, with the exception of 3-Carrene, have a leaser effect) 50 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monolarpenes, with the exception of 3-Carrene, have a leaser effect) 50 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monolarpenes, with the exception of 3-Carrene, have a leaser effect) 50 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monolarpenes, with the exception of 3-Carrene, have a leaser effect) 50 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monolarpenes, with the exception of 3-Carrene, have a leaser effect) 50 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monolarpenes, with the exception of 3-Carrene, have a leaser effect) 50 ppm (DeL chemical category) 50 ppm (DeL chemical category) 50 ppm	turpentine, oil (8006-64-2)				
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Security	OEL STEL	280 mg/m³			
DEL TWA 150 mg/m² (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) 25 pm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) 300 mg/m² (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) 50 pm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) 50 pm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) 50 pm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) 50 pm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) 50 pm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) 50 pm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) 50 pm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) 50 pm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) 50 pm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) 50 pm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)		50 ppm			
monoterpenes, with the exception of 3-Carene, have a lesser effect)	Estonia - Occupational Exposure Limits				
OEL STEL 300 mg/m² (Turpentine produced from Nordic confiers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) 50 ppm (Turpentine produced from Nordic confiers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) 0EL chemical category Skin notation, Sensitizer Finland - Occupational Exposure Limits HTP (OEL TWA) 140 mg/m³ 25 ppm 280 mg/m³ 50 ppm 50 ppm OEL chemical category Potential for cutaneous absorption France - Occupational Exposure Limits WME (OEL TWA) 560 mg/m³ 100 ppm 100 ppm Greece - Occupational Exposure Limits OEL TWA 560 mg/m³ 100 ppm 150 ppm Intellect Occupational Exposure Limits <	OEL TWA				
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monoterpenes, with the exception of 3-Carene, have a lesser effect) Skin notation, Sensitizer	OEL STEL				
HTP (OEL TWA) 140 mg/m³ 25 ppm	OEL chemical category	Skin notation, Sensitizer			
25 ppm	Finland - Occupational Exposure Limits				
### Description of Example 1	HTP (OEL TWA)	140 mg/m³			
50 ppm		25 ppm			
OEL chemical category Potential for cutaneous absorption France - Occupational Exposure Limits VME (OEL TWA) 560 mg/m³ 100 ppm Greece - Occupational Exposure Limits OEL TWA 560 mg/m³ 100 ppm OEL STEL 840 mg/m³ 150 ppm Ireland - Occupational Exposure Limits OEL TWA 112 mg/m³ 20 ppm OEL STEL 840 mg/m³ 150 ppm OEL Chemical category Sensitiser Lithuania - Occupational Exposure Limits IPRV (OEL TWA) 150 mg/m³ 25 ppm	HTP (OEL STEL)	280 mg/m³			
France - Occupational Exposure Limits		50 ppm			
VME (OEL TWA) 560 mg/m³ 100 ppm 660 mg/m³ OEL TWA 560 mg/m³ 100 ppm 100 ppm OEL STEL 840 mg/m³ Ireland - Occupational Exposure Limits 150 ppm OEL TWA 112 mg/m³ 20 ppm 20 ppm OEL STEL 840 mg/m³ 150 ppm 0EL chemical category OEL chemical category Sensitiser Lithuania - Occupational Exposure Limits 150 mg/m³ Lithuania - Occupational Exposure Limits 150 mg/m³ 25 ppm 25 ppm	OEL chemical category	Potential for cutaneous absorption			
100 ppm	France - Occupational Exposure Limits				
Greece - Occupational Exposure Limits OEL TWA 560 mg/m³ 100 ppm 100 ppm OEL STEL 840 mg/m³ Ireland - Occupational Exposure Limits 112 mg/m³ OEL TWA 112 mg/m³ 20 ppm OEL STEL 840 mg/m³ 150 ppm OEL chemical category Sensitiser Lithuania - Occupational Exposure Limits IPRV (OEL TWA) 150 mg/m³ 25 ppm	VME (OEL TWA)	560 mg/m³			
OEL TWA 560 mg/m³ 100 ppm 100 ppm OEL STEL 840 mg/m³ Ireland - Occupational Exposure Limits 150 ppm OEL TWA 112 mg/m³ 20 ppm 20 ppm OEL STEL 840 mg/m³ 150 ppm OEL chemical category Cet chemical Category Sensitiser Lithuania - Occupational Exposure Limits IPRV (OEL TWA) 150 mg/m³ 25 ppm		100 ppm			
100 ppm 100 ppm 100 ppm 150 ppm 150 ppm 150 ppm 150 ppm 12 mg/m³ 12 mg/m³ 12 mg/m³ 150 ppm 1	Greece - Occupational Exposure Limits				
OEL STEL 840 mg/m³ Ireland - Occupational Exposure Limits OEL TWA 112 mg/m³ 20 ppm 20 ppm OEL STEL 840 mg/m³ 150 ppm 50 ppm OEL chemical category Lithuania - Occupational Exposure Limits IPRV (OEL TWA) 150 mg/m³ 25 ppm	OEL TWA	560 mg/m³			
150 ppm		100 ppm			
OEL TWA OEL STEL OEL chemical category Lithuania - Occupational Exposure Limits IPRV (OEL TWA) 112 mg/m³ 20 ppm 840 mg/m³ 150 ppm Sensitiser 150 mg/m³ 25 ppm	OEL STEL	840 mg/m³			
OEL TWA 112 mg/m³ 20 ppm 20 ppm OEL STEL 840 mg/m³ 150 ppm OEL chemical category Sensitiser Lithuania - Occupational Exposure Limits IPRV (OEL TWA) 150 mg/m³ 25 ppm		150 ppm			
20 ppm	Ireland - Occupational Exposure Limits				
OEL STEL 840 mg/m³ 150 ppm OEL chemical category Sensitiser Lithuania - Occupational Exposure Limits IPRV (OEL TWA) 150 mg/m³ 25 ppm	OEL TWA	112 mg/m³			
DEL chemical category OEL chemical category Sensitiser Lithuania - Occupational Exposure Limits IPRV (OEL TWA) 150 mg/m³ 25 ppm		20 ppm			
OEL chemical category Lithuania - Occupational Exposure Limits IPRV (OEL TWA) 150 mg/m³ 25 ppm	OEL STEL	840 mg/m³			
Lithuania - Occupational Exposure Limits IPRV (OEL TWA) 150 mg/m³ 25 ppm		150 ppm			
150 mg/m³ 25 ppm	OEL chemical category	Sensitiser			
25 ppm	Lithuania - Occupational Exposure Limits	·			
	IPRV (OEL TWA)	150 mg/m³			
TPRV (OEL STEL) 300 mg/m³		25 ppm			
	TPRV (OEL STEL)	300 mg/m³			

Safety Data Sheet

turpentine, oil (8006-64-2)			
	50 ppm		
OEL chemical category	Sensitizer coniferous resin sensitizes the skin, Skin notation		
Poland - Occupational Exposure Limits			
NDS (OEL TWA)	112 mg/m³		
NDSCh (OEL STEL)	300 mg/m³		
Portugal - Occupational Exposure Limits			
OEL TWA	20 ppm		
OEL chemical category	Sensitizer dermal, A4 - Not Classifiable as a Human Carcinogen		
Romania - Occupational Exposure Limits			
OEL TWA	400 mg/m³		
OEL STEL	500 mg/m³		
OEL chemical category	Skin notation		
Slovakia - Occupational Exposure Limits			
NPHV (OEL TWA)	560 mg/m³		
	100 ppm		
NPHV (OEL C)	850 mg/m³ (Turpentine oil)		
OEL chemical category	Sensitizer		
Spain - Occupational Exposure Limits			
VLA-ED (OEL TWA)	113 mg/m³		
	20 ppm		
OEL chemical category	Sensitizer including monoterpenes		
Sweden - Occupational Exposure Limits			
NGV (OEL TWA)	150 mg/m³		
	25 ppm		
KGV (OEL STEL)	300 mg/m³		
	50 ppm		
OEL chemical category	Skin notation, Sensitizer		
United Kingdom - Occupational Exposure Limits			
WEL TWA (OEL TWA)	566 mg/m³		
	100 ppm		
WEL STEL (OEL STEL)	850 mg/m³		
	150 ppm		
Norway - Occupational Exposure Limits			
Grenseverdi (OEL TWA)	140 mg/m³		
	25 ppm		
Korttidsverdi (OEL STEL)	175 mg/m³ (value calculated)		
	37.5 ppm (value calculated)		
OEL chemical category	Skin notation, Allergenic substance		

Safety Data Sheet

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

turpentine, oil (8006-64-2)		
Switzerland - Occupational Exposure Limits		
MAK (OEL TWA)	112 mg/m³ (inconsistent composition)	
	20 ppm (inconsistent composition)	
KZGW (OEL STEL)	224 mg/m³ (composition inconsistent)	
	40 ppm (composition inconsistent)	
OEL chemical category	Sensitizer inconsistent composition, Skin notation	
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA	20 ppm	
ACGIH chemical category	Not Classifiable as a Human Carcinogen, dermal sensitizer	

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:

Chemical goggles or safety glasses. Safety glasses

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

Safety Data Sheet

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

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 : Liquid

Colour : Conforms to standard.

Odour : characteristic. Odour threshold : Not available Melting point : Not applicable : Not available Freezing point : Not available Boiling point Flammability : Not applicable Lower explosion limit : Not available : Not available Upper explosion limit : 85 °C Flash point : Not available Auto-ignition temperature Decomposition temperature : Not available рΗ Not available Viscosity, kinematic : Not available

Solubility : Not available Partition coefficient n-octanol/water (Log Kow) : Not available

Vapour pressure : 0.006172417 mm Hg (calculated value)

Vapour pressure at 50°C : Not available
Density : Not available
Relative density : Not available
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

VOC content : 5.6254 % (calculated value)(CARB VOC) (%w/w)

SECTION 10: Stability and reactivity

10.1. Reactivity

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

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.

Safety Data Sheet

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

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

cute toxicity (inhalation) : Not classified		
Bis(2-ethylhexyl) adipate (103-23-1)		
LD50 oral rat	5600 mg/kg (Source: NLM_CIP)	
LD50 dermal rabbit	8410 mg/kg (Source: NLM_CIP)	
LC50 Inhalation - Rat	> 5.7 mg/l/4h	
benzyl benzoate (120-51-4)		
LD50 oral rat	> 2000 mg/kg (Source: ECHA_API)	
LD50 oral	1160 mg/kg bodyweight	
LD50 dermal rabbit	4000 mg/kg (Source: NLM_CIP)	
Aldehyde C-16 (77-83-8)		
LD50 oral rat	5470 mg/kg (Source: NLM_CIP)	
LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)	
Vertenex (32210-23-4)		
LD50 oral rat	5 g/kg (Source: NLM_CIP)	
LD50 oral	3370 mg/kg bodyweight	
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)	
Hexyl cinnamic aldehyde (101-86-0)		
LD50 oral rat	3100 mg/kg (Source: NLM_CIP)	
LD50 oral	3100 mg/kg bodyweight	
LD50 dermal rabbit	> 3000 mg/kg (Source: EPA_HPV)	
LC50 Inhalation - Rat	> 5 mg/l/4h	
turpentine, oil (8006-64-2)		
LD50 oral rat	5760 mg/kg (Source: JAPAN_GHS)	
LD50 dermal rabbit	> 5010 mg/kg (Source: JAPAN_GHS)	
LC50 Inhalation - Rat	13.7 mg/l/4h	
LC50 Inhalation - Rat (Vapours)	13.7 mg/l	
Verdox (88-41-5)		
LD50 oral rat	4600 mg/kg (Source: NLM_CIP)	
LD50 oral	4600 mg/kg	
Vertofix (32388-55-9)		
LD50 oral	4500 mg/kg bodyweight	
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA_API)	

Safety Data Sheet

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

Terpinyl acetate (80-26-2)		
LD50 oral rat	5075 mg/kg (Source: NLM_CIP)	
Orange oil (8008-57-9)		
LD50 oral rat	4400 mg/kg (Source: NZ_CCID)	
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)	
Patchouli oil (8014-09-3)		
LD50 oral rat	> 5 g/kg (Source: NLM_CIP)	
Triplal (Vertocitral) (68039-49-6)		
LD50 oral	2330 mg/kg	
Trimofix O (144020-22-4)		
LD50 oral rat	> 5000 mg/kg (Source: ECHA_API)	
LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)	
Artemesia vulgaris oil (Armoise) (68991-20-8)		
LD50 oral	747 mg/kg bodyweight	
Elemi oil (8023-89-0)		
LD50 oral rat	3370 mg/kg (Source: NLM_CIP)	
LD50 oral	3370 mg/kg	
Skin corrosion/irritation :	Causes skin irritation.	
	Causes serious eye irritation.	
	May cause an allergic skin reaction.	
Germ cell mutagenicity :	Not classified	
Carcinogenicity :	Not classified	
Bis(2-ethylhexyl) adipate (103-23-1)		
IARC group	3 - Not classifiable	
Reproductive toxicity :	Not classified	
STOT-single exposure :	Not classified	
Artemesia vulgaris oil (Armoise) (68991-20-8)		
STOT-single exposure	May cause damage to organs.	
STOT-repeated exposure :	Not classified	
Aspiration hazard :	Not classified	
benzyl benzoate (120-51-4)		
Viscosity, kinematic	7.456 mm²/s	
Orange oil (8008-57-9)		
Hydrocarbon	Yes	
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

Safety Data Sheet

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

SECTION 12: Ecological information

			ity

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

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

(acute)

Hazardous to the aquatic environment, long-term : Toxic to aquatic life with long lasting effects.

(chronic)

Bis(2-ethylhexyl) adipate (103-23-1)			
LC50 - Fish [1]	0.48 – 0.85 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)		
LC50 - Fish [2]	0.48 – 0.85 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: EPA)		
EC50 - Crustacea [1]	> 1.6 mg/l (Exposure time: 48 h - Species: Daphnia magna)		
EC50 72h - Algae [1]	> 500 mg/l (Species: Desmodesmus subspicatus)		
benzyl benzoate (120-51-4)			
LC50 - Fish [1]	2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)		
NOEC (chronic)	0.168 mg/l		
Aldehyde C-16 (77-83-8)			
LC50 - Fish [1]	4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static] Source: ECHA)		
Vertenex (32210-23-4)			
LC50 - Fish [1]	8.6 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static] Source: ECHA)		
Terpinyl acetate (80-26-2)			
LC50 - Fish [1]	> 11 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: ECHA)		
Trimofix O (144020-22-4)			
LC50 - Fish [1]	0.63 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: ECHA)		

12.2. Persistence and degradability

NORTH STAR CLP #EU56477F		
Persistence and degradability	Not established.	
Bis(2-ethylhexyl) adipate (103-23-1)		
Persistence and degradability	Rapidly degradable	
benzyl benzoate (120-51-4)		
Persistence and degradability	May cause long-term adverse effects in the environment.	
Aldehyde C-16 (77-83-8)		
Persistence and degradability	Rapidly degradable	
Vertenex (32210-23-4)		
Persistence and degradability	Rapidly degradable	
Hexyl cinnamic aldehyde (101-86-0)		
Persistence and degradability	Rapidly degradable	

9/16/2024 (Issue date) EN (English) 13/20

Safety Data Sheet

turpentine, oil (8006-64-2)			
Persistence and degradability	Rapidly degradable		
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2)			
Persistence and degradability	Rapidly degradable		
Verdox (88-41-5)			
Persistence and degradability	Rapidly degradable		
Cedramber (19870-74-7)			
Persistence and degradability	Rapidly degradable		
Vertofix (32388-55-9)			
Persistence and degradability	Rapidly degradable		
CUPRESSUS FUNEBRIS WOOD OIL (85085-2	9-6)		
Persistence and degradability	Rapidly degradable		
Terpinyl acetate (80-26-2)			
Persistence and degradability	Rapidly degradable		
Orange oil (8008-57-9)			
Persistence and degradability	Rapidly degradable		
Patchouli oil (8014-09-3)			
Persistence and degradability	Rapidly degradable		
Triplal (Vertocitral) (68039-49-6)			
Persistence and degradability	Rapidly degradable		
Trimofix O (144020-22-4)			
Persistence and degradability	Rapidly degradable		
Artemesia vulgaris oil (Armoise) (68991-20-8)			
Persistence and degradability	Rapidly degradable		
Elemi oil (8023-89-0)			
Persistence and degradability	Rapidly degradable		
12.3. Bioaccumulative potential	12.3. Bioaccumulative potential		
NORTH STAR CLP #EU56477F			
Bioaccumulative potential	Not established.		
Bis(2-ethylhexyl) adipate (103-23-1)			
BCF - Fish [1]	(27 dimensionless)		
Partition coefficient n-octanol/water (Log Pow)	8.94 (at 25 °C)		
benzyl benzoate (120-51-4)			
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)		
Bioaccumulative potential	Not established.		

Safety Data Sheet

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

Aldehyde C-16 (77-83-8)		
Partition coefficient n-octanol/water (Log Pow)	2.4 (at 25 °C (cis isomer)	
Vertenex (32210-23-4)		
Partition coefficient n-octanol/water (Log Pow)	4.8 (at 25 °C)	
Vertofix (32388-55-9)		
BCF - Fish [1]	(3920 dimensionless (organ w.w.)	
Partition coefficient n-octanol/water (Log Pow)	5.6 – 5.9	
Terpinyl acetate (80-26-2)		
Partition coefficient n-octanol/water (Log Pow) 4.4 (at 30 °C (at pH 7)		
Trimofix O (144020-22-4)		
Partition coefficient n-octanol/water (Log Pow)	5.3 – 5.8 (at 25 °C (at pH >=7-<=7.3)	

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

Ecological information

HP Code

- : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- : Dispose in a safe manner in accordance with local/national regulations.
- : Avoid release to the environment.
- : 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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID n	umber			
UN 3082	UN 3082	UN 3082	UN 3082	UN 3082
14.2. UN proper shippin	g name			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER)	Environmentally hazardous substance, liquid, n.o.s. (ISO E SUPER)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER)

Safety Data Sheet

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

ADR	IMDG	IATA	ADN	RID
Transport document descr	Transport document description			
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, MARINE POLLUTANT	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,	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER), 9,
14.3. Transport hazard	14.3. Transport hazard class(es)			
9	9	9	9	9
**************************************	2	**************************************	**************************************	**************************************
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes
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 : TP1, TP29

(ADR)

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 : T

90 3082

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

IBC packing instructions (IMDG) : IBC03

Safety Data Sheet

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

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

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 : PP Equipment required (ADN) 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

: P001, IBC03, LP01, R001 Packing instructions (RID)

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 TP1, TP29

(RID)

Tank codes for RID tanks (RID) : LGBV Transport category (RID) 3 Special provisions for carriage – Packages (RID) : W12 Special provisions for carriage - Loading, unloading : CW13, CW31

and handling (RID)

Colis express (express parcels) (RID) : CE8 : 90 Hazard identification number (RID)

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

Safety Data Sheet

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

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)

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(a)	turpentine, oil ; Orange oil ; Artemesia vulgaris oil (Armoise) ; Elemi oil	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F
3(b)	NORTH STAR CLP #EU56477F; benzyl benzoate; Aldehyde C-16; Vertenex; Hexyl cinnamic aldehyde; turpentine, oil; 1- (1,2,3,4,5,6,7,8- Octahydro-2,3,8,8- tetramethyl-2- naphthalenyl)ethanone; Cedramber; Vertofix; CUPRESSUS FUNEBRIS WOOD OIL; Orange oil; Patchouli oil; Triplal (Vertocitral); Trimofix O; Artemesia vulgaris oil (Armoise); Elemi oil	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
3(c)	NORTH STAR CLP #EU56477F; benzyl benzoate; Aldehyde C-16; Hexyl cinnamic aldehyde; turpentine, oil; 1- (1,2,3,4,5,6,7,8- Octahydro-2,3,8,8- tetramethyl-2- naphthalenyl)ethanone; Verdox; Cedramber; Vertofix; CUPRESSUS FUNEBRIS WOOD OIL; Terpinyl acetate; Orange oil; Patchouli oil; Triplal (Vertocitral); Trimofix O; Artemesia vulgaris oil (Armoise); Elemi oil	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1
40.	turpentine, oil ; Orange oil ; Artemesia vulgaris oil (Armoise) ; Elemi oil	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.

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

Safety Data Sheet

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

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

VOC Directive (2004/42)

VOC content : 5.6254 % (calculated value)(CARB VOC) (%w/w)

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

France

Occupational diseases	
Code	Description
RG 65	Eczematiform lesions of allergic mechanism
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

Germany

Water hazard class (WGK) : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1).

Hazardous Incident Ordinance (12. BImSchV) : Is not subject to the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

ABM category : A(2) - toxic for aquatic organisms, may have longterm hazardous effects in aquatic

environment

SZW-lijst van kankerverwekkende stoffen : Turpentine oil, CUPRESSUS FUNEBRIS WOOD OIL, Orange oil , Triplal

(Vertocitral), Artemesia vulgaris oil (Armoise) are listed

SZW-lijst van mutagene stoffen : Turpentine oil, CUPRESSUS FUNEBRIS WOOD OIL, Orange oil , Triplal

(Vertocitral), Artemesia vulgaris oil (Armoise) are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding

SZW-lijst van reprotoxische stoffen –

: None of the components are listed

: None of the components are listed

SZW-lijst van reprotoxische stoffen - Ontwikkeling

: None of the components are listed

Denmark

Vruchtbaarheid

Class for fire hazard : Class III-1 Store unit : 50 liter

Classification remarks : Flammable according to the Danish Ministry of Justice; Emergency management guidelines

for the storage of flammable liquids must be followed

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

9/16/2024 (Issue date) EN (English) 19/20

Safety Data Sheet

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

SECTION 16: Other information

Other information : None.

Full text of H- and EUI	H-statements:
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 4
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.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H371	May cause damage to organs.
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 Corr. 1	Skin corrosion/irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT SE 2	Specific target organ toxicity – Single exposure, Category 2

The classification complies with : ATP 12

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.

9/16/2024 (Issue date) EN (English) 20/20