

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Revision Date: 21/05/2024 Date of Issue: 25/07/2022 Version: 1.1

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product Identifier** 

**Product Form** : Mixture

**Product Name** : LINEANCE™ – AMINCISSANT MINCEUR J14 (EU GHS (2020/878))

**Product Code** : SD12332.17V2

1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

1.2.1. **Relevant Identified Uses** 

Use of the Substance/Mixture : Slimming cream

**Uses Advised Against** 1.2.2.

**Uses Advised Against** : Do not apply to the face or to pregnant or nursing women.

1.3. **Details of the Supplier of the Safety Data Sheet** 

Company Company Church & Dwight UK Sofibel

Wear Bay Road, CT19 6PG 110-114 RUE VICTOR HUGO 92300 LEVALLOIS PERRET Folkestone, Kent - United Kingdom

+ 44 0800 121 6080 (Mon - Friday 9am - 4:30pm) FRANCE

www.churchdwight.com Téléphone:01.49.68.41.00 consumer.relationsUK@churchdwight.com www.churchdwight.com

**Emergency Telephone Number** 1.4.

**Emergency Number** : (+44) 08706006266 (24 hours) UK national information service;

(+44) 0800 1216080 (Mon - Friday 9am - 4:30pm)

For Medical Emergency: 1-888-234-1828 (USA and Canada), 952-853-1925 (Outside USA and

Canada);

For Chemical Emergency: VelocityEHS (800)255-3924 (North America), +1 (813)248-0585

(International)

## **SECTION 2: HAZARDS IDENTIFICATION**

## Classification of the Substance or Mixture

Classification According to Regulation (EC) No. 1272/2008

Eve Irrit. 2 Full text of hazard classes, H-statements: see section 16

2.2. **Label Elements** 

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

**Hazard Pictograms (CLP)** 

Signal Word (CLP) : Warning

**Hazard Statements (CLP)** : H319 - Causes serious eye irritation.

**Precautionary Statements (CLP)** : P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear eye protection, protective clothing, protective gloves.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention.

**EUH-statements** : EUH208 - Contains Oils, Schinus terebinthifolius (949495-68-5). May produce an

allergic reaction.

2.3. Other Hazards

Other Hazards Not Contributing to the : Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

This substance/mixture does not meet the PBT/vPvB criteria of REACH regulation, annex XIII

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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 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

# **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
White mineral oil, petroleum	(CAS-No.) 8042-47-5 (EC-No.) 232-455-8; 265-148-2	1 - 5	Asp. Tox. 1, H304
Distillates, petroleum, hydrotreated middle	(CAS-No.) 64742-46-7 (EC-No.) 265-148-2 (EC Index-No.) 649-221-00-X	1-5	Asp. Tox. 1, H304
1,2,3-Propanetriol	(CAS-No.) 56-81-5 (EC-No.) 200-289-5	1 - 5	Not classified
Alcohols, C16-18, ethoxylated	(CAS-No.) 68439-49-6 (EC-No.) 500-212-8;939-518-5	0.1 – 0.9	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Oils, Schinus terebinthifolius	(CAS-No.) 949495-68-5 (EC-No.) 481-880-7; 619-090-3	0.1 – 0.9	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Sodium hydroxide	(CAS-No.) 1310-73-2 (EC-No.) 215-185-5 (EC Index-No.) 011-002-00-6	0.001 - 0.09	Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Ethylene oxide	(CAS-No.) 75-21-8 (EC-No.) 200-849-9 (EC Index-No.) 603-023-00-X	0.001 - 0.09	Flam. Gas 1A, H220 Press. Gas Flam. Liq. 1, H224 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Inhalation), H331 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Muta. 1B, H340 Carc. 1B, H350 Repr. 1B, H360Fd STOT SE 3, H335 STOT RE 1, H372 Aquatic Chronic 3, H412
1,4-Dioxane substance listed as REACH Candidate	(CAS-No.) 123-91-1 (EC-No.) 204-661-8 (EC Index-No.) 603-024-00-5	0.001 - 0.09	Flam. Liq. 2, H225 Eye Irrit. 2, H319 Carc. 1B, H350 STOT SE 3, H335
Ethyl acetate	(CAS-No.) 141-78-6 (EC-No.) 205-500-4 (EC Index-No.) 607-022-00-5	0.001 - 0.09	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Cyclohexane	(CAS-No.) 110-82-7 (EC-No.) 203-806-2 (EC Index-No.) 601-017-00-1	0.001 - 0.09	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

#### **Specific Concentration Limits:**

Name	Product Identifier	Specific Concentration Limits
Sodium hydroxide	(CAS-No.) 1310-73-2	( 0,5 ≤C < 2) Skin Irrit. 2, H315
	(EC-No.) 215-185-5	( 0,5 ≤C < 2) Eye Irrit. 2, H319
	(EC Index-No.) 011-002-00-6	( 2 ≤C < 5) Skin Corr. 1B, H314
		( 5 ≤C < 100) Skin Corr. 1A, H314

Full text of H-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).

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First-Aid Measures After Inhalation : When symptoms occur: go into open air and ventilate suspected area. Obtain

medical attention if breathing difficulty persists.

First-Aid Measures After Skin Contact : Product is intended for topical use. Chemical irritation is unlikely. In the event that

irritation occurs, wash affected areas with mild soap and water, then obtain

medical advice/attention.

First-Aid Measures After Eye Contact : Immediately rinse with water for at least 15 minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. Obtain medical attention if irritation

develops or persists.

First-Aid Measures After Ingestion : Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

#### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

**Symptoms/Effects** : Causes serious eye irritation.

**Symptoms/Effects After Inhalation**: Prolonged exposure may cause irritation.

Symptoms/Effects After Skin Contact : Contains Oils, Schinus terebinthifolius . May produce an allergic reaction.

Symptoms/Effects After Eye Contact : Contact causes severe irritation with redness and swelling of the conjunctiva.

**Symptoms/Effects After Ingestion** : Ingestion may cause adverse effects. **Chronic Symptoms** : May cause an allergic skin reaction.

## 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## **SECTION 5: FIREFIGHTING MEASURES**

## 5.1. Extinguishing Media

Suitable Extinguishing Media : Water spray, fog, carbon dioxide (CO<sub>2</sub>), alcohol-resistant foam, or dry chemical.

Unsuitable Extinguishing Media : Do not use a heavy water stream. Use of heavy stream of water may spread fire.

#### 5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard : Not considered flammable but may burn at high temperatures.

**Explosion Hazard** : Product is not explosive.

**Reactivity** : Hazardous reactions will not occur under normal conditions.

**Hazardous Combustion Products** : Carbon oxides (CO, CO<sub>2</sub>).

5.3. Advice for Firefighters

Precautionary Measures Fire : Exercise caution when fighting any chemical fire. Firefighting Instructions : Use water spray or fog for cooling exposed containers.

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

General Measures : Avoid breathing (vapour, mist, spray). Avoid contact with eyes. Caution : this

product can cause the floor to be very slippery.

6.1.1. For Non-Emergency Personnel

Protective Equipment : Use appropriate personal protective equipment (PPE).

**Emergency Procedures** : Evacuate unnecessary personnel.

**6.1.2.** For Emergency Responders

**Protective Equipment** : Equip cleanup crew with proper protection.

Emergency Procedures : Upon arrival at the scene, a first responder is expected to recognise the presence of dangerous goods, protect oneself and the public, secure the area, and call for

the assistance of trained personnel as soon as conditions permit. Ventilate area.

## **6.2.** Environmental Precautions

Prevent entry to sewers and public waters.

## 6.3. Methods and Materials for Containment and Cleaning Up

For Containment : Contain any spills with dikes or absorbents to prevent migration and entry into

sewers or streams.

Methods for Cleaning Up : Clean up spills and dispose of waste safely. Absorb and/or contain spill with inert

material. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

#### 6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

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## **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. Avoid breathing vapours, mist, spray.

Avoid contact with eyes.

**Hygiene Measures** : Handle in accordance with good industrial hygiene and safety procedures.

## 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures** : Comply with applicable regulations.

**Storage Conditions** : Store in accordance with applicable national storage class systems. Keep container

closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

**Incompatible Materials** : Strong acids, strong bases, strong oxidisers.

#### 7.3. Specific End Use(s)

Slimming cream

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### 8.1. Control Parameters

Please see section 16 for the legal basis of limit value information in section 8.1, including the national legislation or provision which gives rise to a given limit.

Ethylene oxide (7	75-21-8)	
EU	IOELV TWA (Legal Basis:2019/1831 EU in accor. with 98/24/EC)	1,8 mg/m³
EU	IOELV TWA (Legal Basis:2019/1831 EU in accor. with 98/24/EC)	1 ppm
EU	Remark	Present (Substantial contribution to the total body burden via derma exposure possible)
France	OEL STEL (Legal Basis:INRS ED 984)	5 ppm
France	OEL TWA (Legal Basis:INRS ED 984)	1 ppm
France	OEL Chemical Category (Legal Basis:INRS ED 984)	Carcinogen category 1B, Reproductive Toxin category 1B, Mutagen category 1B, Risk of cutaneous absorption
1,4-Dioxane (123	3-91-1)	
EU	IOELV TWA (Legal Basis:2019/1831 EU in accor. with 98/24/EC)	73 mg/m³
EU	IOELV TWA (Legal Basis:2019/1831 EU in accor. with 98/24/EC)	20 ppm
France	OEL STEL (Legal Basis:INRS ED 984)	140 mg/m³
France	OEL STEL (Legal Basis:INRS ED 984)	40 ppm
France	OEL TWA (Legal Basis:INRS ED 984)	73 mg/m³ (restrictive limit)
France	OEL TWA (Legal Basis:INRS ED 984)	20 ppm (restrictive limit)
France	OEL Chemical Category (Legal Basis:INRS ED 984)	Carcinogen category 2
1,2,3-Propanetri	ol (56-81-5)	
France	OEL TWA (Legal Basis:INRS ED 984)	10 mg/m³ (aerosol)
Cyclohexane (11	0-82-7)	
EU	IOELV TWA (Legal Basis:2019/1831 EU in accor. with 98/24/EC)	700 mg/m <sup>3</sup>
EU	IOELV TWA (Legal Basis:2019/1831 EU in accor. with 98/24/EC)	200 ppm
France	OEL STEL (Legal Basis:INRS ED 984)	1300 mg/m³
France	OEL STEL (Legal Basis:INRS ED 984)	375 ppm
France	OEL TWA (Legal Basis:INRS ED 984)	700 mg/m³ (restrictive limit)
France	OEL TWA (Legal Basis:INRS ED 984)	200 ppm (restrictive limit)
Ethyl acetate (14	11-78-6)	
EU	IOELV TWA (Legal Basis:2019/1831 EU in accor. with 98/24/EC)	734 mg/m³
EU	IOELV TWA (Legal Basis:2019/1831 EU in accor. with 98/24/EC)	200 ppm
EU	IOELV STEL (Legal Basis:2019/1831 EU in accor. with 98/24/EC)	1468 mg/m³
EU	IOELV STEL (Legal Basis:2019/1831 EU in accor. with 98/24/EC)	400 ppm
France	OEL TWA (Legal Basis:INRS ED 984)	1400 mg/m³
France	OEL TWA (Legal Basis:INRS ED 984)	400 ppm
Sodium hydroxid	le (1310-73-2)	
France	OEL TWA (Legal Basis:INRS ED 984)	2 mg/m³

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## 8.2. Exposure Controls

**Appropriate Engineering Controls** : Emergency eye wash fountains and safety showers should be available in the

immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Personal Protective Equipment** : For occupational/workplace settings and bulk quantities: Gloves. Protective

clothing. Protective goggles. Personal protective equipment should be chosen in accordance with Regulation (EU) 2016/425, CEN standards, and in discussion with

the supplier of the protective equipment.







Materials for Protective Clothing : Chemically resistant materials and fabrics.

Hand Protection: For occupational/workplace settings: Wear protective gloves.Eye Protection: For occupational/workplace settings: Chemical safety goggles.

**Skin and Body Protection** : For occupational/workplace settings: Wear suitable protective clothing.

Respiratory Protection : If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient

atmosphere, or where exposure levels are not known wear approved respiratory

protection.

Other Information : When using, do not eat, drink or smoke.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

## 9.1. Information on Basic Physical and Chemical Properties

Physical State : Liquid

Colour, Appearance : Smooth off-white to beige emulsion

Odour: CharacteristicOdour Threshold: No data available

**pH** : 5,8 – 6,2

**Evaporation Rate** No data available **Melting Point** : No data available **Freezing Point** : No data available **Boiling Point** : No data available : No data available **Flash Point Auto-Ignition Temperature** : No data available **Decomposition Temperature** : No data available Flammability (solid, gas) : Not applicable **Vapour Pressure** : No data available Relative Vapour Density At 20 °C : No data available **Relative Density** 0.96 - 1.02 (water = 1) Solubility No data available

Viscosity : No data available Viscosity, Dynamic : 19000 – 30000 cP at 25 °C (77 °F)

**Explosive Properties** : No data available. **Oxidising Properties** : No data available **Explosive Limits** Not available **Particle Aspect Ratio** : Not applicable **Particle Aggregation State** : Not applicable **Particle Agglomeration State** : Not applicable **Particle Specific Surface Area** : Not applicable **Particle Dustiness** : Not applicable

**9.2. Other Information** No additional information available

Partition Coefficient n-Octanol/Water

## **SECTION 10: STABILITY AND REACTIVITY**

#### 10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

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No data available

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## 10.2. Chemical Stability

Stable under recommended handling and storage conditions (see section 7).

#### 10.3. Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

#### 10.4. Conditions to Avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials.

## 10.5. Incompatible Materials

Strong acids, strong bases, strong oxidisers.

#### 10.6. Hazardous Decomposition Products

Not expected to decompose under ambient conditions.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

#### 11.1. Information On Hazard Classes As Defined In Regulation (EC) No 1272/2008

Likely Routes of Exposure : Ingestion

Dermal Eye contact

Acute Toxicity (Oral) : Not classified (Based on available data, the classification criteria are not met)
Acute Toxicity (Dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute Toxicity (Inhalation) : Not classified (Based on available data, the classification criteria are not met)

	. Not classified (based on available data, the classification effects are not met)
Ethylene oxide (75-21-8)	
LD50 Oral Rat	72 mg/kg
LC50 Inhalation Rat	800 ppm/4h
1,4-Dioxane (123-91-1)	
LD50 Oral Rat	5170 mg/kg
LD50 Dermal Rabbit	7600 mg/kg
LD50 dermal	2100 mg/kg
LC50 Inhalation Rat	46 mg/l (Exposure time: 2 h)
LC50 Inhalation Rat	32,5 mg/l/4h
White mineral oil, petroleum (8042-47-5)	
LD50 Oral Rat	>5000 mg/kg
Distillates, petroleum, hydrotreated middle (64742-4	16-7)
LD50 Oral Rat	>5000 mg/kg
LD50 Dermal Rabbit	>5000 mg/kg
LC50 Inhalation Rat	> 4951 mg/l/4h
1,2,3-Propanetriol (56-81-5)	
LD50 Oral Rat	12600 mg/kg
LD50 Dermal Rabbit	> 10 g/kg
Cyclohexane (110-82-7)	
LD50 Oral Rat	12705 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat	> 32880 mg/m³ (Exposure time: 4 h)
Ethyl acetate (141-78-6)	
LD50 Oral Rat	5620 mg/kg
LD50 Dermal Rabbit	> 18000 mg/kg
LC50 Inhalation Rat	4000 ppm/4h
LC50 Inhalation Rat	> 7348 mg/l/4h (calculated off of 6hr test results)
Sodium hydroxide (1310-73-2)	
LD50 Oral Rat	325 mg/kg
Skin Corrosion/Irritation :	Not classified (Based on available data, the classification criteria are not met)

Skin Corrosion/Irritation : Not classified (Based on available data, the classification criteria are not met)

**Eye Damage/Irritation** : Causes serious eye irritation.

Respiratory or Skin Sensitisation : Not classified (Based on available data, the classification criteria are not met)

Germ Cell Mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

Ethylene oxide (75-21-8)	
IARC Group	1
National Toxicology Program (NTP) Status	Known Human Carcinogens.

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1,4-Dioxane (123-91-1)		
IARC Group		2B
National Toxicology Program (NTP) Status		Reasonably anticipated to be Human Carcinogen, Evidence of Carcinogenicity.
Reproductive Toxicity	:	Not classified (Based on available data, the classification criteria are not met)
Specific Target Organ Toxicity (Single	:	Not classified (Based on available data, the classification criteria are not met)
Exposure)		
Specific Target Organ Toxicity (Repeated	:	Not classified (Based on available data, the classification criteria are not met)
Exposure)		
Aspiration Hazard	:	Not classified (Based on available data, the classification criteria are not met)
Symptoms/Injuries After Inhalation	:	Prolonged exposure may cause irritation.
Symptoms/Injuries After Skin Contact	:	Contains oils, Schinus terebinthifolius. May produce an allergic reaction.
Symptoms/Injuries After Eye Contact	:	Contact causes severe irritation with redness and swelling of the conjunctiva.
Symptoms/Injuries After Ingestion	:	Ingestion may cause adverse effects.
Chronic Symptoms	:	May cause an allergic skin reaction.

#### 11.2. Information On Other Hazards

Based on available data this substance/the substances in this mixture not listed below do(es) not have endocrine disrupting properties with respect to humans as it does not meet the criteria set out in section A of Regulation (EU) No 2017/2100 and/or the criteria set out in Regulation (EU) 2018/605, or the substance(s) are not required to be disclosed.

## **SECTION 12: ECOLOGICAL INFORMATION**

## **Toxicity**

Short-Term (Acute)

Hazardous To The Aquatic Environment, : Not classified (Based on available data, the classification criteria are not met)

Hazardous To The Aquatic Environment, : Not classified (Based on available data, the classification criteria are not met)

Long-Term (Chronic)

Ethylene oxide (75-21-8)	
LC50 - Fish [1]	73 – 96 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
EC50 - Crustacea [1]	137 – 300 mg/l (Exposure time: 48 h - Species: Daphnia magna)
1,4-Dioxane (123-91-1)	
LC50 - Fish [1]	10000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 - Crustacea [1]	163 mg/l (Exposure time: 48 h - Species: water flea [Static])
LC50 - Fish [2]	10000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [semi-static])
White mineral oil, petroleum (8042-47-5)	
LC50 - Fish [1]	> 10000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)
Distillates, petroleum, hydrotreated middle (	64742-46-7)
LC50 - Fish [1]	1000 mg/l (Species: Oncorhynchus mykiss)
1,2,3-Propanetriol (56-81-5)	
LC50 - Fish [1]	54000 (51000 – 57000) mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
Cyclohexane (110-82-7)	
LC50 - Fish [1]	3,96 – 5,18 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 - Crustacea [1]	0,9 mg/l
LC50 - Fish [2]	23,03 – 42,07 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
NOEC chronic algae	0,94 mg/l
Ethyl acetate (141-78-6)	
LC50 - Fish [1]	220 – 250 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 - Crustacea [1]	560 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC50 - Fish [2]	484 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])
NOEC chronic crustacea	2,4 mg/l
Sodium hydroxide (1310-73-2)	
LC50 - Fish [1]	45,4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 - Crustacea [1]	40 mg/l

#### 12.2. Persistence and Degradability

LINEANCE™ – AMINCISSANT MINCEUR J14 (EU GHS (2020/878))		
Persistence and Degradability	Not established.	

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#### 12.3. Bioaccumulative Potential

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Bioaccumulative Potential	Not established.	
Ethylene oxide (75-21-8)		
Log POW	-0,3 (at 25 °C)	
1,4-Dioxane (123-91-1)		
BCF Fish 1	0,2 – 0,7	
Log POW	-0,42	
White mineral oil, petroleum (8042-47-5)		
Log POW	>6	
1,2,3-Propanetriol (56-81-5)		
BCF Fish 1	No bioaccumulation.	
Log POW	-1,76	
Cyclohexane (110-82-7)		
Log POW	3,44	
Ethyl acetate (141-78-6)		
BCF Fish 1	30	
Log POW	0,6	

#### 12.4. Mobility in Soil

No additional information available

#### 12.5. Results of PBT and vPvB Assessment

Does not contain any PBT/vPvB substances >= 0.1% assessed in accordance with REACH Annex XVIII

#### 12.6. Endocrine Disrupting Properties

Based on available data this substance/the substances in this mixture not listed below do(es) not have endocrine disrupting properties with respect to non-target organisms as it does not meet the criteria set out in section B of Regulation (EU) No 2017/2100 and/or the criteria set out in Regulation (EU) 2018/605, or the substance(s) are not required to be disclosed.

#### 12.7. Other Adverse Effects

Other Information : Avoid unnecessary release into the environment.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

## 13.1. Waste Treatment Methods

**Product/Packaging Disposal** : Dispose of contents/container in accordance with local, regional, national,

**Recommendations** territorial, provincial, and international regulations. **Ecology - Waste Materials** : Avoid unnecessary release into environment.

## **SECTION 14: TRANSPORT INFORMATION**

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued. In accordance with ADR / RID / IMDG / IATA / ADN

14.1.	UN Number or ID Number
Not reg	gulated for transport
14.2.	UN Proper Shipping Name
Not reg	gulated for transport
14.3.	Transport Hazard Class
Not reg	gulated for transport
14.4.	Packing Group
Not reg	gulated for transport
14.5.	Environmental Hazards
Not reg	gulated for transport

## 14.6. Special Precautions For User

No additional information available

## 14.7. Maritime Transport in Bulk According to IMO instruments

Not applicable

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# **SECTION 15: REGULATORY INFORMATION**

## 5.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

#### 15.1.1. EU-Regulations

#### 15.1.1.1. REACH Annex XVII Information

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

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28. Substances which are classified as carcinogen category 1A or 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 1 or Appendix 2, respectively.	Ethylene oxide
29. Substances which are classified as germ cell mutagen category 1A or 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 3 or Appendix 4, respectively.	Ethylene oxide
3(a) 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	1,4-Dioxane ; Cyclohexane ; Ethyl acetate ; Oils, Schinus terebinthifolius
3(b) 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	LINEANCE™ – AMINCISSANT MINCEUR J14 (EU GHS (2020/878)); 1,4-Dioxane; White mineral oil, petroleum; Distillates, petroleum, hydrotreated middle; Cyclohexane; Ethyl acetate; Oils, Schinus terebinthifolius
3(c) 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	Cyclohexane ; Oils, Schinus terebinthifolius
30. Substances which are classified as reproductive toxicant category 1A or 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 5 or Appendix 6, respectively.	Ethylene oxide
40. 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.	Ethylene oxide; 1,4-Dioxane; Cyclohexane; Ethyl acetate; Oils, Schinus terebinthifolius
57. Cyclohexane	Cyclohexane

#### 15.1.1.2. REACH Candidate List Information

Contains a substance on the REACH candidate list in concentration  $\geq$  0.1% or with a lower specific limit: 1,4-dioxane (EC 204-661-8, CAS 123-91-1)

## 15.1.1.3. POP (2019/1021) - Persistent Organic Pollutants Information

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

## 15.1.1.4. PIC Regulation EU (649/2012) - Export and Import of Hazardous Chemicals Information

Substances subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 july 2012 concerning the export and import of hazardous chemicals: Ethylene oxide (Oxirane) (75-21-8)

#### 15.1.1.5. REACH Annex XIV Information

Contains no REACH Annex XIV substances

## 15.1.1.6. Substances Depleting the Ozone layer (1005/2009) Information

No additional information available

## 15.1.1.7. EC Inventory Information

Ethylene oxide (75-21-8)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
1,4-Dioxane (123-91-1)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
White mineral oil, petroleum (8042-47-5)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Distillates, petroleum, hydrotreated middle (64742-46-7)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
1,2,3-Propanetriol (56-81-5)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Cyclohexane (110-82-7)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Ethyl acetate (141-78-6)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Sodium hydroxide (1310-73-2)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Oils, Schinus terebinthifolius (949495-68-5)
Listed on ELINCS (European List of Notified Chemical Substances)

## 15.1.1.8. Other Information

No additional information available

## 15.1.2. National Regulations

No additional information available

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#### 15.1.3. International Inventory Lists

#### Ethylene oxide (75-21-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed on IARC (International Agency for Research on Cancer)

Listed on the Canadian IDL (Ingredient Disclosure List)

Listed as carcinogen on NTP (National Toxicology Program)

Listed on the United States SARA Section 302

Subject to reporting requirements of United States SARA Section 313

Listed on EPA Hazardous Air Pollutant (HAPS)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Japanese Poisonous and Deleterious Substances Control Law

Japanese Pollutant Release and Transfer Register Law (PRTR Law)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemicals Inventory)

#### 1,4-Dioxane (123-91-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed on the Canadian IDL (Ingredient Disclosure List)

Subject to reporting requirements of United States SARA Section 313

Listed on EPA Hazardous Air Pollutant (HAPS)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Japanese Pollutant Release and Transfer Register Law (PRTR Law)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemicals Inventory)

#### White mineral oil, petroleum (8042-47-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemicals Inventory)

## Distillates, petroleum, hydrotreated middle (64742-46-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemicals Inventory)

#### 1,2,3-Propanetriol (56-81-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

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Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemicals Inventory)

#### Cyclohexane (110-82-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed on the Canadian IDL (Ingredient Disclosure List)

Subject to reporting requirements of United States SARA Section 313

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemicals Inventory)

#### Ethyl acetate (141-78-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed on the Canadian IDL (Ingredient Disclosure List)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Japanese Poisonous and Deleterious Substances Control Law

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemicals Inventory)

### Sodium hydroxide (1310-73-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed on the Canadian IDL (Ingredient Disclosure List)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  $% \left( \mathbf{x}_{1}\right) =\mathbf{x}_{1}$ 

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Japanese Poisonous and Deleterious Substances Control Law

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemicals Inventory)

## Alcohols, C16-18, ethoxylated (68439-49-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed on the EU NLP (No Longer Polymers) inventory

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemicals Inventory)

### Oils, Schinus terebinthifolius (949495-68-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian NDSL (Non-Domestic Substances List)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemicals Inventory)

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## **Chemical Safety Assessment**

No chemical safety assessment has been carried out

## **SECTION 16: OTHER INFORMATION**

**Date of Preparation or Latest Revision** 

: 21/05/2024 **Data Sources** 

: Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier specific information, and/or resources that include substance specific data and classifications according to GHS

or their subsequent adoption of GHS.

**Other Information** : According to Regulation (EC) No. 1907/2006 (REACH) with its amendment

Regulation (EU) 2020/878

#### **Full Text of H-statements:**

rext of 11 statements.				
Acute Tox. 3 (Inhalation)	Acute toxicity (inhalation), Category 3			
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3			
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			
Carc. 1B	Carcinogenicity, Category 1B			
Eye Dam. 1	Serious eye damage/eye irritation, Category 1			
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2			
Flam. Gas 1A	Flammable gases, Category 1A			
Flam. Liq. 1	Flammable liquids, Category 1			
Flam. Liq. 2	Flammable liquids, Category 2			
Flam. Liq. 3	Flammable liquids, Category 3			
H220	Extremely flammable gas.			
H224	Extremely flammable liquid and vapour.			
H225	Highly flammable liquid and vapour.			
H226	Flammable liquid and vapour.			
H301	Toxic if swallowed.			
H302	Harmful if swallowed.			
H304	May be fatal if swallowed and enters airways.			
H314	Causes severe skin burns and eye damage.			
H315	Causes skin irritation.			
H317	May cause an allergic skin reaction.			
H318	Causes serious eye damage.			
H319	Causes serious eye irritation.			
H331	Toxic if inhaled.			
H335	May cause respiratory irritation.			
H336	May cause drowsiness or dizziness.			
H340	May cause genetic defects.			
H350	May cause cancer.			
H360Fd	May damage fertility. Suspected of damaging the unborn child.			
H372	Causes damage to organs through prolonged or repeated exposure.			
H400	Very toxic to aquatic life.			
H410	Very toxic to aquatic life with long lasting effects.			
H411	Toxic to aquatic life with long lasting effects.			
H412	Harmful to aquatic life with long lasting effects.			
Muta. 1B	Germ cell mutagenicity, Category 1B			
Press. Gas	Gases under pressure			
Repr. 1B	Reproductive toxicity, Category 1B			
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A			
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B			
Skin Irrit. 2	Skin corrosion/irritation, Category 2			
Skin Sens. 1	Skin sensitisation, Category 1			
Skin Sens. 1B	Skin sensitisation, category 1B			
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1			
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation			

Classification and Procedure Used to Derive the Classification for Mixtures According to Regulation (EC) 1272/2008 [CLP]:

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Eye Irrit. 2	Calculation method

nd	icati	on (	of C	:han	ges

Section	Change	Date Changed	Version
1	Added product code, modified logo	21/05/2024	1.1
	and emergency contact		

#### Abbreviations and Acronyms

ACGIH – American Conference of Governmental Industrial Hygienists 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

BCF - Bioconcentration Factor

BEI - Biological Exposure Indices (BEI)

BOD – Biochemical Oxygen Demand

CAS No. - Chemical Abstracts Service Number

CLP - Classification, Labeling and Packaging Regulation (EC) No 1272/2008

COD – Chemical Oxygen Demand

EC - European Community

EC50 - Median Effective Concentration

EEC - European Economic Community

EINECS – European Inventory of Existing Commercial Chemical Substances

EmS-No. (Fire) - IMDG Emergency Schedule Fire

EmS-No. (Spillage) - IMDG Emergency Schedule Spillage

EU - European Union

ErC50 - EC50 in Terms of Reduction Growth Rate

GHS – Globally Harmonized System of Classification and Labeling of

Chemicals

IARC - International Agency for Research on Cancer

IATA - International Air Transport Association IBC Code - International Bulk Chemical Code

IMDG - International Maritime Dangerous Goods

IPRV - Ilgalaikio Poveikio Ribinis Dydis

IOELV – Indicative Occupational Exposure Limit Value

LC50 - Median Lethal Concentration

LD50 - Median Lethal Dose

LOAEL - Lowest Observed Adverse Effect Level LOEC - Lowest-Observed-Effect Concentration

Log Koc - Soil Organic Carbon-water Partitioning Coefficient

Log Kow - Octanol/water Partition Coefficient

Log Pow - Ratio of the equilibrium concentration (C) of a dissolved substance in a two-phase system consisting of two largely immiscible solvents, in this case octanol and water

MAK – Maximum Workplace Concentration/Maximum Permissible Concentration

MARPOL - International Convention for the Prevention of Pollution

NDS - Najwyzsze Dopuszczalne Stezenie

NDSCh - Najwyzsze Dopuszczalne Stezenie Chwilowe

NDSP - Najwyzsze Dopuszczalne Stezenie Pulapowe

NOAEL - No-Observed Adverse Effect Level

NOEC - No-Observed Effect Concentration

NOEC - NO-Observed Effect Concentration

NRD - Nevirsytinas Ribinis Dydis

NTP – National Toxicology Program

**OEL - Occupational Exposure Limits** 

PBT - Persistent, Bioaccumulative and Toxic

PEL - Permissible Exposure Limit

pH – Potential Hydrogen

REACH – Registration, Evaluation, Authorisation, and Restriction of Chemicals RID – Regulations Concerning the International Carriage of Dangerous Goods

bv Rail

SADT - Self Accelerating Decomposition Temperature

SDS - Safety Data Sheet

STEL - Short Term Exposure Limit

STOT - Specific Target Organ Toxicity

TA-Luft - Technische Anleitung zur Reinhaltung der Luft

TEL TRK – Technical Guidance Concentrations

ThOD – Theoretical Oxygen Demand

TLM - Median Tolerance Limit

TLV - Threshold Limit Value

TPRD - Trumpalaikio Poveikio Ribinis Dydis

TRGS 510 - Technische Regel für Gefahrstoffe 510 - Lagerung von

Gefahrstoffen in ortsbeweglichen Behältern

TRGS 552 – Technische Regeln für Gefahrstoffe - N-Nitrosamine

TRGS 900 - Technische Regel für Gefahrstoffe 900 – Arbeitsplatzgrenzwerte TRGS 903 - Technische Regel für Gefahrstoffe 903 - Biologische Grenzwerte

TSCA - Toxic Substances Control Act
TWA - Time Weighted Average

VOC – Volatile Organic Compounds

VLA-EC - Valor Límite Ambiental Exposición de Corta Duración

VLA-ED - Valor Límite Ambiental Exposición Diaria

VLE – Valeur Limite D'exposition

VME – Valeur Limite De Moyenne Exposition

vPvB - Very Persistent and Very Bioaccumulative

WEL – Workplace Exposure Limit WGK - Wassergefährdungsklasse

#### **Limit Value Legal Basis\***

at work (1)

## \*Includes the below and any related regulations/provisions, and subsequent amendements

EU - 2019/1831 EU in accor. with 98/24/EC - Directive 2019/1831/EU of October 24, 2019 establishing a fifth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 2000/39/EC.

**EU - 2019/1243/EU, and 98/24/EC)** - Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work and amendment Regulation (EU) 2019/1243.

Austria - BGBI. II Nr. 254/2018 - Ordinance on Limit Values for Workplace Substances and on Carcinogens from the Federal Ministry of Economics and Labour, Published in 2003, Appendix 1: Substance List, Published through: Ministry of Economics and Labour of the Republic of Austria amended through the Government Gazette II (BGBL. II) No 119/2004) & BGBI. II No. 242/2006, BGBI. II No. 243/2007, lastly changed through BGBI. I Nr. 51/2011), BGBI. II Nr. 186/2015, BGBI. II Nr. 288/2017 amended by BGBI. II Nr. 254/2018.

Austria - BLV BGBI. II Nr. 254/2018 - Ordinance on health monitoring at the workplace 2008, published through BGBI. II Nr. 224/2007 by Austria Minister for Labor and Social Affairs, Lastly changed through BGBI. II Nr. 254/2018

Belgium - Royal Decree 21/01/2020 - Royal decree amending title 1 relating to chemical agents in Book VI of the code of well-being at work, with regard to the list of limit values of exposure to chemical agents and title 2 relating to

carcinogens, mutagens and reprotoxics of Book VI of the code of well-being

Greece - PWHSE - Occupational Exposure Limits - Protection of workers' health and safety from exposure to certain chemical substances during the workday, (latest amendment 82/2018) and Occupation Exposure Limits - Protection of workers' health and safety from exposure to certain carcinogenic and mutagenic chemical substances (latest amendment 26/2020), and Presidential Decree 212/2006 - Protection of workers that are exposed to asbestos.

**Hungary - Decree 05/2020** - 5/2020. (II. 6.) ITM decree on the protection of the health and safety of workers from the risks related to chemical agents **Ireland - 2020 COP** - 2020 Code of Practice for the Chemical Agents Regulations, Schedule 1

Italy - Decree 81 - Title IX, Annex XLIII and XXXVIII, Professional Exposure Limits and Annex XXXIX Mandatory Biological Limit Values and Health Monitoring, Article 1, Law 123 of August 3, 2007, Legislative Decree 81 of April 9, 2008, Last amended: January 2020

Italy - IMDFN1 - Ministerial Decree of August 20, 1999 Final Note (1)
Latvia - Reg. No. 325 - Cabinet of Ministers Regulation No. 325 - Labour
Protection Requirements when Coming in Contact with Chemical Substances
at Workplaces, Amended by Cabinet of Ministers Regulation No. 92, 163, 407
and No. 11

Lithuania - HN 23:2011 - Lithuanian Hygiene Standard HN 23:2011
Occupational Exposure Limit Values, Amended by Order V-695/A1-272.
Luxembourg - A-N 684 - Grand-Ducal Regulation of 20 July 2018 amending

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#### Bulgaria - Reg. No. 13/10 -

Regulation No. 13 of December 30, 2003 on the Protection of Workers from Hazards Related to Exposure to Chemical Agents at Work Labor Code, Annex No.1 Limit values of chemical agents in the air of the working environment, and Annex № 2 Biological limit values of chemical agents and their metabolites (bio markers of exposure) or bio markers of effect Amended by: 71/2006, 67/2007, 2/2012, 46/2015, 73/2018, 5/2020), and Regulation No.10 of September 26, 2003 on the Protection of Workers from the Risks Associated with Exposure to Carcinogens and Mutagens at Work Annex No.1 Occupational Exposure Limits, Amended by: 8/2004, 46/2015, 5/2020 Croatia - OG No. 91/2018 - Regulation on the Protection of Workers from Exposure to Hazardous Chemicals at Work, the Limit Values of Exposure and the Biological Limit Values. Official Gazette No. 91 of October 12, 2018 Cyprus - KDP 16/2019 - Government of Cyprus Cabinet of Ministers Regulation 268/2001 - Safety and Health in the Working Environment (Chemical Substances) Article 38, As amended by Regulation 16/2019 and Cabinet of Ministers Regulation 153/2001 - Safety and Health in the Working Environment (Chemical Substances-Carcinogens), as amended by Regulation 493/2004 - Safety and Health in the Working Environment (Chemical Substances - Carcinogens) AND Law 47(I) 2000 - Occupational Health and Safety (Asbestos), as amended by Decree 316/2006.

Czech Republic - Reg. 41/2020 - Regulation 41/2020 amending Regulation 361/2007 of Coll. establishing Occupation Exposure Limits as amended Czech Republic - Decree No. 107/2013 - Decree No. 107/2013 Coll., amending Decree No. 432/2003 Coll., laying down the conditions for the application of the work into categories, limit values for the parameters of biological exposure tests, collection of biological material conditions for the implementation of biological exposure tests and requirements for reporting work with asbestos and biological agents

Denmark - BEK No. 698 of 28/05/2020 - Order on Limit Values for Substances and Materials, The Statutory Order No. 507 of May 17, 2011, Appendix 1 - Limits for air pollution, etc. and Appendix 3 - Biological Exposure Values, Amended by: No. 986 of October 11, 2012, No. 655 of May 31, 2018, No. 1458 December 13, 2019, No. 698 of May 28, 2020

**Estonia - Regulation No. 105** - Health and Safety Requirements for the Use of Dangerous Chemicals and Materials Containing Them and Occupational Exposure Limits to Chemical Agents

Government of the Republic, Regulation No. 105 of 20 March 2001, Amended 17 October 2019, and 17 January, 2020.

**Finland - HTP-ARVOT 2020 -** Concentrations Known to be Hazardous, 654/2020 OEL values 2020 Publications of Ministry of Social Affairs and Health 2020:24 Annexes1, 2 and 3.

**France - INRS ED 984** - Occupational Exposure Limit Values to Chemical Agents in France Published 2016 by the INRS National Institute of Research and Safety Health and safety of work, revised, updated by: Decree 2016-344, JORF No 0119, and Decree 2019-1487.

**France - Decree 2009-1570** - Decree 2009-1570 of December 15, 2009, relative to the control of chemical risk on workplaces.

**Germany - TRGS 900 -** Occupational Exposure Limits, Technical Rules for Dangerous Substances, latest amendment March, 2020

**Germany - TRGS 903** - Biological Threshold Limits (BGW-Values), Technical Rules for Dangerous Substances, latest amendment March, 2020

**Gibraltar - LN. 2018/131** - Factories (Control of Chemical Agents at Work) Regulations 2003 LN. 2003/035, amended by LN. 2008/035, LN. 2008/050, LN. 2012/021, LN. 2015/143, LN. 2018/181.

the Grand-Ducal Regulation of 14 November 2016 concerning the protection of the safety and health of employees against the risks associated with chemical agents in the workplace. Official journal of the Grand-Duke of Luxembourg, A-N°684 of 2018

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