

Safety Data Sheet

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

Date of Issue: 21/04/2022

Version: 1.0

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

**Product Identifier** 1.1.

**Product Form** : Mixture

**Product Name** : Nair<sup>TM</sup> Rose Spray (EU GHS(2020/878))

**Product Code** : 300397

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

121 **Relevant Identified Uses** 

Use of the Substance/Mixture : Depilatory - Hair Removal Spray

1.2.2. Uses Advised Against No additional information available

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

Company Company

Sofibel Church & Dwight UK 110-114 RUE VICTOR HUGO 92300 Wear Bay Road, CT19 6PG

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**Emergency Telephone Number** 

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

For Chemical Emergency: ChemTel LLC (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

Aerosol 1 H222;H229 Acute Tox. 4 (Oral) H302 Skin Irrit. 2 H315 Eve Dam. 1 H318

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

#### **Label Elements** 2.2.

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

**Hazard Pictograms (CLP)** 







Signal Word (CLP) : Danger

**Hazard Statements (CLP)** : H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

H302 - Harmful if swallowed. H315 - Causes skin irritation. H318 - Causes serious eye damage.

**Precautionary Statements (CLP)** : P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

P211 - Do not spray on an open flame or other ignition source. P251 - Pressurized container: Do not pierce or burn, even after use. P264 - Wash hands, forearms and face thoroughly after handling. P270 - Do not eat, drink or smoke when using this product.

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P280 - Wear protective gloves, protective clothing, and eye protection.

P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

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

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

Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor/physician.

P321 - Specific treatment (see supplemental first aid instruction on this label).

P330 - Rinse mouth.

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

#### 2.3. Other Hazards

# Other Hazards Not Contributing to the Classification

: 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

The substance/mixture does not contain substance(s) equal to or greater than 0.1% by weight that are present in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or 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
Thioglycolic acid substance with national workplace exposure limit(s) (AT, BE, BG, DK, EE, ES, FI, FR, GB, GR, HU, IE, LT, LV, PL, PT, SE, NO, CH)	(CAS-No.) 68-11-1 (EC-No.) 200-677-4 (EC Index-No.) 607-090-00-6	≤ 4.25	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Corr. 1B, H314 Eye Dam. 1, H318
White mineral oil, petroleum substance with national workplace exposure limit(s) (DE, HU, LV, SI, CH)	(CAS-No.) 8042-47-5 (EC-No.) 232-455-8;265-148-2	3-5	Not classified
Sodium hydroxide substance with national workplace exposure limit(s) (AT, BG, CZ, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, LT, LV, PL, PT, SE, SK, NO, CH)	(CAS-No.) 1310-73-2 (EC-No.) 215-185-5 (EC Index-No.) 011-002-00-6	2-4	Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Calcium hydroxide substance with national workplace exposure limit(s) (AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GI, GR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, NO, CH, TR); substance with a Community workplace exposure limit	(CAS-No.) 1305-62-0 (EC-No.) 215-137-3	2-4	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335
Propane substance with national workplace exposure limit(s) (AT, BE, BG, DE, DK, EE, FI, GR, IE, LV, PL, PT, RO, SI, NO, CH)	(CAS-No.) 74-98-6 (EC-No.) 200-827-9 (EC Index-No.) 601-003-00-5	1-2	Flam. Gas 1A, H220 Press. Gas (Liq.), H280
n-Butane substance with national workplace exposure limit(s) (AT, BE, BG, DE, DK, EE, FI, FR, GB, GR, HR, HU, IE, LV, PL, SI, NO, CH)	(CAS-No.) 106-97-8 (EC-No.) 203-448-7 (EC Index-No.) 601-004-00-0	0,1-1	Flam. Gas 1A, H220 Press. Gas (Comp.), H280
Isobutane substance with national workplace exposure limit(s) (AT, DE, EE, FI, SI, CH)	(CAS-No.) 75-28-5 (EC-No.) 200-857-2 (EC Index-No.) 601-004-00-0	0,1-1	Flam. Gas 1A, H220 Press. Gas
1,2-Propanediol substance with national workplace exposure limit(s) (GB, HR, IE, LT, LV, PL, NO)	(CAS-No.) 57-55-6 (EC-No.) 200-338-0	0,01-0,1	Not classified

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

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

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

#### **SECTION 4: FIRST AID MEASURES**

#### 4.1. Description of First-aid Measures

First-Aid Measures General : Never give anything by mouth to an unconscious person. If you feel unwell, seek

medical advice (show the label where possible).

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

medical attention if breathing difficulty persists.

First-Aid Measures After Skin Contact : Immediately remove contaminated clothing. Immediately drench affected area

with soap and water for at least 15 minutes. Obtain medical attention if irritation

develops or persists.

First-Aid Measures After Eye Contact : Immediately rinse with water for at least 30 minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. Get immediate medical advice/attention.

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 skin irritation. Harmful if swallowed. Causes serious eye damage.

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

Symptoms/Effects After Skin Contact
 Redness, pain, swelling, itching, burning, dryness, and dermatitis.
 Symptoms/Effects After Eye Contact
 Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Effects After Ingestion : This material is harmful orally and can cause adverse health effects or death in

significant amounts.

Chronic Symptoms : None known.

#### 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, dry chemical, or

sand.

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 : Flammable aerosol.

**Explosion Hazard** : Heat may build pressure, rupturing closed containers, spreading fire and increasing

risk of burns and injuries.

**Reactivity** : Reacts violently with strong oxidisers. Increased risk of fire or explosion.

**Hazardous Combustion Products** : Corrosive vapours. Carbon oxides (CO, CO<sub>2</sub>). Irritating or toxic vapors.

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. DO NOT fight fire when fire

reaches containers. Evacuate area.

**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 : Do not get in eyes, on skin, or on clothing. Keep away from heat, hot surfaces,

sparks, open flames, and other ignition sources. No smoking. Do not breathe

vapor, mist or spray.

6.1.1. For Non-Emergency Personnel

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

Emergency Procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.1.2. For Emergency Responders

Protective Equipment : Equip cleanup crew with proper protection.

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#### **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. Eliminate ignition sources first, then ventilate the 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. Wipe up residue with disposable towels. 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.

#### **SECTION 7: HANDLING AND STORAGE**

#### 7.1. Precautions for Safe Handling

Additional Hazards When Processed Precautions for Safe Handling

: Pressurised container: May burst if heated. Do not pierce or burn, even after use.

: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing vapors, mist, spray. Do not spray on an open flame or other ignition source. Handle empty containers with care because they may still present a hazard. Do not get in eyes, on skin, or on

clothing.

**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. Proper grounding procedures to avoid static

electricity should be followed.

**Storage Conditions** : Store in accordance with applicable national storage class systems. Store in a dry,

cool place. Keep/Store away from direct sunlight, extremely high or low

temperatures and incompatible materials. Keep only in the original container in a cool, well ventilated place away from ignition sources. Protect from sunlight. Do

not expose to temperatures exceeding 50°C/ 122°F.

Incompatible Materials
7.3. Specific End Use(S)

Depilatory – Hair Removal Spray

: Strong acids, strong bases, strong oxidisers.

## 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.

n-Butane (106-9	97-8)		
Austria	OEL TWA (Legal Basis:BGBl. II Nr. 254/2018)	1900 mg/m³ (Butane (all isomers))	
Austria	OEL TWA (Legal Basis:BGBl. II Nr. 254/2018)	800 ppm (Butane (all isomers))	
Austria	OEL STEL (Legal Basis:BGBl. II Nr. 254/2018)	3800 mg/m³	
Austria	OEL STEL (Legal Basis:BGBl. II Nr. 254/2018)	1600 ppm	
Belgium	OEL STEL (Legal Basis:Royal Decree 21/01/2020)	2370 mg/m³	
Belgium	OEL STEL (Legal Basis:Royal Decree 21/01/2020)	980 ppm	
Bulgaria	OEL TWA (Legal Basis:Reg. No. 13/10)	1900 mg/m³	
Croatia	OEL TWA (Legal Basis:OG No. 91/2018)	1450 mg/m³ 22 mg/m³ (containing >=0.1% Butadiene)	
Croatia	OEL TWA (Legal Basis:OG No. 91/2018)	600 ppm 10 ppm (containing >=0.1% Butadiene)	
Croatia	OEL STEL (Legal Basis:OG No. 91/2018)	1810 mg/m³	
Croatia	OEL STEL (Legal Basis:OG No. 91/2018)	750 ppm	
Croatia	OEL Chemical Category (Legal Basis:OG No. 91/2018)	Carcinogen Category 1A containing >=0.1% Butadiene, Mutagen Category 1B containing >=0.1% Butadiene	
Denmark	OEL TWA (Legal Basis:BEK No. 698 of 28/05/2020)	1200 mg/m³	
Denmark	OEL TWA (Legal Basis:BEK No. 698 of 28/05/2020)	500 ppm	
Estonia	OEL TWA (Legal Basis:Regulation No. 105)	1500 mg/m³	

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	(EC) No. 1907/2006 (REACH) with its amendment Regulation (EO)		
n-Butane (106-97-8)	L 051 TWA (1 LD 1 D L 1 L 1 L 105)	Long	
Estonia	OEL TWA (Legal Basis:Regulation No. 105)  800 ppm		
Finland	OEL TWA (Legal Basis:HTP-ARVOT 2020)  1900 mg/m³ (suffocating gas that displaces oxygen (Butane)		
Finland	OEL TWA (Legal Basis:HTP-ARVOT 2020)  800 ppm (suffocating gas that displaces oxygen (Butane)		
Finland	OEL STEL (Legal Basis:HTP-ARVOT 2020)	2400 mg/m³	
Finland	OEL STEL (Legal Basis:HTP-ARVOT 2020)	1000 ppm	
France	OEL TWA (Legal Basis:INRS ED 984)	1900 mg/m³	
France	OEL TWA (Legal Basis:INRS ED 984)	800 ppm	
Germany	OEL TWA (Legal Basis:TRGS 900)	2400 mg/m <sup>3</sup>	
Germany	OEL TWA (Legal Basis:TRGS 900)	1000 ppm	
Greece	OEL TWA (Legal Basis: PWHSE)	2350 mg/m <sup>3</sup>	
Greece	OEL TWA (Legal Basis: PWHSE)	1000 ppm	
Hungary	OEL TWA (Legal Basis:Decree No. 05/2020)	2350 mg/m <sup>3</sup>	
Hungary	OEL STEL (Legal Basis:Decree No. 05/2020)	9400 mg/m <sup>3</sup>	
Ireland	OEL TWA (Legal Basis:2020 COP)	1000 ppm (Aliphatic hydrocarbon gases - Alkanes (C1-C4))	
Ireland	OEL STEL (Legal Basis:2020 COP)	3000 ppm (calculated)	
USA ACGIH	OEL STEL (Legal Basis:IMDFN1)	1000 ppm (explosion hazard (Butane, isomers)	
Latvia	OEL TWA (Legal Basis:Reg. No. 325)	300 mg/m³	
Norway	OEL TWA (Legal Basis:FOR-2020-04-06-695)	600 mg/m <sup>3</sup>	
Norway	OEL TWA (Legal Basis:FOR-2020-04-06-695)	250 ppm	
Norway	OEL STEL (Legal Basis:FOR-2020-04-06-695)	750 mg/m³ (value calculated)	
Norway	OEL STEL (Legal Basis:FOR-2020-04-06-695)	312,5 ppm (value calculated)	
Poland	OEL TWA (Legal Basis:Dz. U. 2020 Nr. 61)	1900 mg/m³	
Poland	OEL TWA (Legal Basis:Dz. U. 2020 Nr. 61)	3000 mg/m <sup>3</sup>	
Slovenia	OEL TWA (Legal Basis:No. 79/19)	2400 mg/m³ (containing >=0.1% Butadiene)	
Slovenia	OEL TWA (Legal Basis:No. 79/19)	1000 ppm (containing >=0.1% Butadiene)	
Slovenia	Slovenia OEL STEL (Legal Basis:No. 79/19) 9600 mg/m³ (containing >=0.1% Butadiene)		
Slovenia	OEL STEL (Legal Basis:No. 79/19) 4000 ppm (containing >=0.1% Butadiene)		
Slovenia OEL Chemical Category (Legal Basis:No. 79/19) Category 1B containing >=0.1% Butadiene, Category 1A >=0.1% Butadiene		Category 1B containing >=0.1% Butadiene, Category 1A containing >=0.1% Butadiene	
Switzerland	OEL STEL (Legal Basis:OLVSNAIF)	7600 mg/m³ (Butane)	
Switzerland	OEL STEL (Legal Basis:OLVSNAIF)	3200 ppm (Butane)	
Switzerland OEL TWA (Legal Basis:OLVSNAIF) 1900 mg/m³ (Butane (all isomers))		1900 mg/m³ (Butane (all isomers))	
SwitzerlandOEL TWA (Legal Basis:OLVSNAIF)800 ppm (Butane (all isomers))		800 ppm (Butane (all isomers))	
Isobutane (75-28-5)			
Austria	OEL TWA (Legal Basis:BGBl. II Nr. 254/2018)	1900 mg/m³ (Butane (all isomers))	
Austria	OEL TWA (Legal Basis:BGBl. II Nr. 254/2018)	800 ppm (Butane (all isomers))	
Austria	OEL STEL (Legal Basis:BGBl. II Nr. 254/2018)	3800 mg/m³ (Butane both isomers)	
Austria	OEL STEL (Legal Basis:BGBl. II Nr. 254/2018)	1600 ppm (Butane both isomers)	
Estonia	OEL TWA (Legal Basis:Regulation No. 105)	1900 mg/m³	
Estonia	OEL TWA (Legal Basis:Regulation No. 105)	800 ppm	
Finland	OEL TWA (Legal Basis:HTP-ARVOT 2020)	1900 mg/m³ (suffocating gas that displaces oxygen (Butane)	
Finland	OEL TWA (Legal Basis:HTP-ARVOT 2020)	800 ppm (suffocating gas that displaces oxygen (Butane)	
Finland	OEL STEL (Legal Basis:HTP-ARVOT 2020)	2400 mg/m³ (Butane)	
Finland	OEL STEL (Legal Basis:HTP-ARVOT 2020)	1000 ppm (Butane)	
Germany	OEL TWA (Legal Basis:TRGS 900)	2400 mg/m³	
Germany	OEL TWA (Legal Basis:TRGS 900)	1000 ppm	
USA ACGIH	OEL STEL (Legal Basis:IMDFN1)	1000 ppm (explosion hazard (Butane, isomers)	
Slovenia	OEL TWA (Legal Basis:No. 79/19)	2400 mg/m³	
Slovenia	OEL TWA (Legal Basis:No. 79/19)	1000 ppm	
Slovenia	OEL STEL (Legal Basis:No. 79/19)	9600 mg/m³	
Slovenia	OEL STEL (Legal Basis:No. 79/19)	4000 ppm	
Switzerland	OEL STEL (Legal Basis:OLVSNAIF)	7600 mg/m³ (Butane)	
Switzerland	OEL STEL (Legal Basis:OLVSNAIF)	3200 ppm (Butane)	
Switzerland	OEL TWA (Legal Basis:OLVSNAIF)	1900 mg/m³ (including Butane (all isomers)	
Switzerland	OEL TWA (Legal Basis:OLVSNAIF)	800 ppm (including Butane (all isomers)	
Propane (74-98-6)			
Austria	OEL TWA (Legal Basis:BGBl. II Nr. 254/2018)	1800 mg/m³	
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	ir (LC) No. 1907/2000 (NEACH) with its amendment Regulation (LO	
Propane (74-98-6)		
Austria	OEL TWA (Legal Basis:BGBl. II Nr. 254/2018)	1000 ppm
Austria	OEL STEL (Legal Basis:BGBl. II Nr. 254/2018)	3600 mg/m³
Austria	OEL STEL (Legal Basis:BGBl. II Nr. 254/2018)	2000 ppm
Belgium	OEL TWA (Legal Basis:Royal Decree 21/01/2020)	1000 ppm (gas)
Bulgaria	OEL TWA (Legal Basis:Reg. No. 13/10)	1800 mg/m³
Denmark	OEL TWA (Legal Basis:BEK No. 698 of 28/05/2020)	1800 mg/m³
Denmark	OEL TWA (Legal Basis:BEK No. 698 of 28/05/2020)	1000 ppm
Estonia	OEL TWA (Legal Basis:Regulation No. 105)	1800 mg/m³
Estonia	OEL TWA (Legal Basis:Regulation No. 105)	1000 ppm
Finland	OEL TWA (Legal Basis:HTP-ARVOT 2020)	1500 mg/m³ (suffocating gas that displaces oxygen)
Finland	OEL TWA (Legal Basis:HTP-ARVOT 2020)	800 ppm (suffocating gas that displaces oxygen)
Finland	OEL STEL (Legal Basis:HTP-ARVOT 2020)	2000 mg/m³
Finland	OEL STEL (Legal Basis:HTP-ARVOT 2020)	1100 ppm
Germany	OEL TWA (Legal Basis:TRGS 900)	1800 mg/m³
Germany	OEL TWA (Legal Basis:TRGS 900)	1000 ppm
Greece	OEL TWA (Legal Basis:PWHSE)	1800 mg/m³
Greece	OEL TWA (Legal Basis:PWHSE)	1000 ppm
Ireland	OEL STEL (Legal Basis:2020 COP)	3000 ppm (calculated (Aliphatic hydrocarbon gases - Alkanes (C1-C4))
Ireland	OEL Chemical Category (Legal Basis:Decree No. 05/2020)	Simple asphyxiant
Latvia	OEL TWA (Legal Basis:Reg. No. 325)	1800 mg/m³
Latvia	OEL TWA (Legal Basis:Reg. No. 325)	1000 ppm
Norway	OEL TWA (Legal Basis:FOR-2020-04-06-695)	900 mg/m³
Norway	OEL TWA (Legal Basis:FOR-2020-04-06-695)	500 ppm
Norway	OEL STEL (Legal Basis:FOR-2020-04-06-695)	1125 mg/m³ (value calculated)
Norway	OEL STEL (Legal Basis:FOR-2020-04-06-695)	625 ppm (value calculated)
Poland	OEL TWA (Legal Basis:Dz. U. 2020 Nr. 61)	1800 mg/m³
Portugal	OEL TWA (Legal Basis:Portuguese Norm NP 1796:2014)	1000 ppm
Romania	OEL TWA (Legal Basis:Gov. Dec. No 1.218)	1400 mg/m³
Romania	OEL TWA (Legal Basis:Gov. Dec. No 1.218)	778 ppm
Romania	OEL STEL (Legal Basis:Gov. Dec. No 1.218)	1800 mg/m³
Romania	OEL STEL (Legal Basis:Gov. Dec. No 1.218)	1000 ppm
Slovenia	OEL TWA (Legal Basis:No. 79/19)	1800 mg/m³
Slovenia	OEL TWA (Legal Basis:No. 79/19)	1000 ppm
Slovenia	OEL STEL (Legal Basis:No. 79/19)	7200 mg/m³
Slovenia	OEL STEL (Legal Basis:No. 79/19)	4000 ppm
Switzerland	OEL STEL (Legal Basis:OLVSNAIF)	7200 mg/m³
Switzerland	OEL STEL (Legal Basis:OLVSNAIF)	4000 ppm
Switzerland	OEL TWA (Legal Basis:OLVSNAIF)	1800 mg/m³
Switzerland	OEL TWA (Legal Basis:OLVSNAIF)	1000 ppm
1,2-Propanediol (57-	.55-6)	-
Croatia	OEL TWA (Legal Basis:OG No. 91/2018)	474 mg/m³ (total vapor and particles)
	- , ,	10 mg/m³ (particles)
Croatia	OEL TWA (Legal Basis:OG No. 91/2018)	150 ppm
Ireland	OEL TWA (Legal Basis:2020 COP)	10 mg/m³ (particulates)
		470 mg/m³ (total vapour and particulates)
Ireland	OEL TWA (Legal Basis:2020 COP)	150 ppm (total vapour and particulates)
Ireland	OEL STEL (Legal Basis:2020 COP)	1410 mg/m³ (calculated-particulates) 30 mg/m³ (calculated)
Ireland	OEL STEL (Legal Basis:2020 COP)	450 ppm (calculated-total vapour and particulates)
Latvia	OEL TWA (Legal Basis:Reg. No. 325)	7 mg/m <sup>3</sup>
Lithuania	OEL TWA (Legal Basis:HN 23:2011)	7 mg/m <sup>3</sup>
Norway	OEL TWA (Legal Basis:FOR-2020-04-06-695)	79 mg/m <sup>3</sup>
Norway	OEL TWA (Legal Basis:FOR-2020-04-06-695)	25 ppm
Norway	OEL STEL (Legal Basis:FOR-2020-04-06-695)	118,5 mg/m³ (value calculated)
Norway	OEL STEL (Legal Basis:FOR-2020-04-06-695)	37,5 ppm (value calculated)
Poland	OEL TWA (Legal Basis:Dz. U. 2020 Nr. 61)	100 mg/m³ (vapor and inhalable fraction)
Calcium hydroxide (2	1305-62-0)	
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	EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2	020/070		
. ,	Calcium hydroxide (1305-62-0)			
EU	IOELV TWA (Legal Basis:2019/1831 EU in accor. with 98/24/EC)	1 mg/m³ (respirable fraction)		
EU	IOELV STEL (Legal Basis:2019/1831 EU in accor. with 98/24/EC)	4 mg/m³ (respirable fraction)		
Austria	OEL TWA (Legal Basis:BGBI. II Nr. 254/2018)	1 mg/m³ (inhalable fraction)		
Austria	OEL STEL (Legal Basis:BGBI. II Nr. 254/2018)	4 mg/m³ (inhalable fraction)		
Belgium	OEL TWA (Legal Basis:Royal Decree 21/01/2020)	1 mg/m³ (alveolar fraction)		
Belgium	OEL STEL (Legal Basis:Royal Decree 21/01/2020)	4 mg/m <sup>3</sup>		
Bulgaria	OEL TWA (Legal Basis: Reg. No. 13/10)	1 mg/m³ (respirable fraction)		
Bulgaria	OEL STEL (Legal Basis:Reg. No. 13/10)	4 mg/m³ (respirable fraction)		
Croatia	OEL TWA (Legal Basis:OG No. 91/2018)	1 mg/m³ (respirable dust, inhalable fraction)		
Croatia	OEL STEL (Legal Basis:OG No. 91/2018)	4 mg/m³ (respirable dust; inhalable fraction)		
Cyprus	OEL TWA (Legal Basis: KDP 16/2019)	1 mg/m³ (respirable fraction)		
Cyprus	OEL STEL (Legal Basis: KDP 16/2019)	4 mg/m³ (respirable fraction)		
Czech Republic	OEL TWA (Legal Basis: Reg. 41/2020)	1 mg/m³ (respirable fraction of aerosol)		
Denmark	OEL TWA (Legal Basis:BEK No. 698 of 28/05/2020)	1 mg/m³ (respirable fraction) 5 mg/m³		
Estonia	OEL TWA (Legal Basis:Regulation No. 105)	1 mg/m <sup>3</sup>		
Estonia	OEL STEL (Legal Basis:Regulation No. 105)	4 mg/m³		
Finland	OEL TWA (Legal Basis:HTP-ARVOT 2020)	1 mg/m³		
Finland	OEL STEL (Legal Basis:HTP-ARVOT 2020)	4 mg/m <sup>3</sup>		
France	OEL TWA (Legal Basis:INRS ED 984)	5 mg/m <sup>3</sup>		
Germany	OEL TWA (Legal Basis:TRGS 900)	1 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-inhalable fraction)		
Gibraltar	OEL TWA (Legal Basis:LN. 2018/181)	1 mg/m³ (respirable fraction)		
Gibraltar	OEL STEL (Legal Basis:LN. 2018/181)	4 mg/m³ (respirable fraction)		
Greece	OEL TWA (Legal Basis:PWHSE)	1 mg/m³ (respirable fraction)		
Greece	OEL STEL (Legal Basis:PWHSE)	4 mg/m³ (respirable fraction)		
Hungary	OEL TWA (Legal Basis:Decree No. 05/2020)	1 mg/m³ (respirable dust)		
Hungary	OEL STEL (Legal Basis:Decree No. 05/2020)	4 mg/m³		
Ireland	OEL TWA (Legal Basis:2020 COP)	1 mg/m³ (respirable dust)		
Ireland	OEL STEL (Legal Basis:2020 COP)	4 mg/m³ (respirable dust)		
USA ACGIH	OEL TWA (Legal Basis:IMDFN1)	5 mg/m³		
Italy	OEL TWA (Legal Basis:Decree 81)	1 mg/m³ (respirable fraction)		
Latvia	OEL TWA (Legal Basis:Reg. No. 325)	1 mg/m³ (respirable fraction)		
Lithuania	OEL TWA (Legal Basis:HN 23:2011)	1 mg/m³ (respirable fraction)		
Lithuania	OEL STEL (Legal Basis:HN 23:2011)	4 mg/m³ (respirable fraction)		
Lithuania	OEL Chemical Category (Legal Basis:HN 23:2011)	Skin notation respirable fraction		
Luxembourg	OEL TWA (Legal Basis:A-N 684)	1 mg/m³ (inhalable fraction)		
Malta	OEL TWA (Legal Basis:MOHSAA Ch. 424)	1 mg/m³ (respirable fraction)		
Malta	OEL STEL (Legal Basis:MOHSAA Ch. 424)	4 mg/m³ (respirable fraction)		
Netherlands	OEL TWA (Legal Basis:OWCRLV)	1 mg/m³ (respirable fraction)		
Netherlands	OEL STEL (Legal Basis:OWCRLV)	4 mg/m³ (respirable dust)		
Norway	OEL TWA (Legal Basis:FOR-2020-04-06-695)	1 mg/m³ (respirable dust)		
Norway	OEL STEL (Legal Basis:FOR-2020-04-06-695)	4 mg/m³ (value from the regulation-respirable dust)		
Poland	OEL TWA (Legal Basis:Dz. U. 2020 Nr. 61)	2 mg/m³ (inhalable fraction) 1 mg/m³ (respirable fraction)		
Poland	OEL TWA (Legal Basis:Dz. U. 2020 Nr. 61)	4 mg/m³ (respirable fraction) 6 mg/m³ (inhalable fraction)		
Portugal	OEL TWA (Legal Basis:Portuguese Norm NP 1796:2014)	1 mg/m³ (indicative limit value)		
Portugal	OEL STEL (Legal Basis:Portuguese Norm NP 1796:2014)	4 mg/m³ (breathable fraction)		
Romania	OEL TWA (Legal Basis:Gov. Dec. No 1.218)	1 mg/m³ (for gaseous or vapor phase chemicals, the limit value is expressed at 20°C and 101.3 kPa-respirable fraction)		
Romania	OEL STEL (Legal Basis:Gov. Dec. No 1.218)	4 mg/m³ (for gaseous or vapor phase chemicals, the limit value is expressed at 20°C and 101.3 kPa-respirable fraction)		
Slovakia	OEL TWA (Legal Basis:Gov. Decree 33/2018)	5 mg/m³ (respirable fraction)		
Slovenia	OEL TWA (Legal Basis:No. 79/19)	1 mg/m³ (respirable fraction)		
Slovenia	OEL STEL (Legal Basis:No. 79/19)	4 mg/m³ (respirable fraction)		
Spain	OEL TWA (Legal Basis:OELCAIS)	1 mg/m³ (respirable fraction)		
Spain	OEL STEL (Legal Basis:OELCAIS)	4 mg/m³ (respirable fraction)		

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Calcium hydroxide (1305-62-0)			
Sweden	OEL TLV (Legal Basis:AFS 2018:1)	1 mg/m³ (respirable fraction)	
Sweden	OEL STEL (Legal Basis: AFS 2018:1)	4 mg/m³ (respirable fraction)	
Switzerland	OEL STEL (Legal Basis:OLVSNAIF)	4 mg/m³ (inhalable dust)	
Switzerland	OEL TWA (Legal Basis:OLVSNAIF)	1 mg/m³ (inhalable dust)	
Sodium hydroxide (131		1 mg/ m (mmalable dast)	
Austria 1900 Austria	OEL TWA (Legal Basis:BGBl. II Nr. 254/2018)	2 mg/m³ (inhalable fraction)	
Austria	OEL STEL (Legal Basis:BGBI. II Nr. 254/2018)	4 mg/m³ (inhalable fraction)	
Bulgaria	OEL TWA (Legal Basis:Reg. No. 13/10)	2 mg/m³ (alkaline aerosols)	
Croatia	OEL STEL (Legal Basis:OG No. 91/2018)	2 mg/m³	
Czech Republic	OEL TWA (Legal Basis:Reg. 41/2020)	1 mg/m <sup>3</sup>	
Denmark	OEL Ceiling (Legal Basis:BEK No. 698 of 28/05/2020)	2 mg/m³	
Estonia	OEL TWA (Legal Basis:Regulation No. 105)	1 mg/m³	
Estonia	OEL STEL (Legal Basis:Regulation No. 105)	2 mg/m³	
Finland	OEL Ceiling (Legal Basis:HTP-ARVOT 2020)	2 mg/m³	
France	OEL TWA (Legal Basis:INRS ED 984)	2 mg/m³	
Greece	OEL TWA (Legal Basis:PWHSE)	2 mg/m³	
Greece	OEL STEL (Legal Basis:PWHSE)	2 mg/m³	
Hungary	OEL TWA (Legal Basis:Decree No. 05/2020)	1 mg/m³	
Hungary	OEL STEL (Legal Basis:Decree No. 05/2020)	2 mg/m³	
Ireland	OEL STEL (Legal Basis:2020 COP)	2 mg/m³	
USA ACGIH	OEL Ceiling (Legal Basis:IMDFN1)	2 mg/m³	
Latvia	OEL TWA (Legal Basis:Reg. No. 325)	0,5 mg/m³	
Lithuania	OEL Ceiling (Legal Basis:HN 23:2011)	2 mg/m³	
Norway	OEL Ceiling (Legal Basis:FOR-2020-04-06-695)	2 mg/m³	
Poland	OEL TWA (Legal Basis:Dz. U. 2020 Nr. 61)	0,5 mg/m³	
Poland	OEL TWA (Legal Basis:Dz. U. 2020 Nr. 61)	1 mg/m³	
Portugal	OEL Ceiling (Legal Basis:Portuguese Norm NP 1796:2014)	2 mg/m³	
Slovakia	OEL TWA (Legal Basis:Gov. Decree 33/2018)	2 mg/m³	
Spain	OEL STEL (Legal Basis:OELCAIS)	2 mg/m³	
Sweden	OEL TLV (Legal Basis:AFS 2018:1)	1 mg/m³ (inhalable fraction)	
Sweden	OEL STEL (Legal Basis:AFS 2018:1)	2 mg/m³ (inhalable fraction)	
Switzerland	OEL STEL (Legal Basis:OLVSNAIF)	2 mg/m³ (inhalable dust)	
Switzerland	OEL TWA (Legal Basis:OLVSNAIF)	2 mg/m³ (inhalable dust)	
Thioglycolic acid (68-11	-1)		
Austria	OEL TWA (Legal Basis:BGBl. II Nr. 254/2018)	4 mg/m³	
Austria	OEL TWA (Legal Basis:BGBl. II Nr. 254/2018)	1 ppm	
Austria	OEL STEL (Legal Basis:BGBl. II Nr. 254/2018)	8 mg/m³	
Austria	OEL STEL (Legal Basis:BGBl. II Nr. 254/2018)	2 ppm	
Austria	OEL Chemical Category (Legal Basis:BGBl. II Nr. 254/2018)	Sensitizer, Skin notation	
Belgium	OEL TWA (Legal Basis:Royal Decree 21/01/2020)	3,9 mg/m <sup>3</sup>	
Belgium	OEL TWA (Legal Basis:Royal Decree 21/01/2020)	1 ppm	
Belgium	OEL Chemical Category (Legal Basis:Royal Decree 21/01/2020)	Skin	
Bulgaria	OEL TWA (Legal Basis:Reg. No. 13/10)	2 mg/m³	
Denmark Denmark	OEL TWA (Legal Basis:BEK No. 698 of 28/05/2020)  OEL TWA (Legal Basis:BEK No. 698 of 28/05/2020)	5 mg/m³	
Estonia	OEL TWA (Legal Basis:BEK NO. 698 of 28/05/2020)  OEL TWA (Legal Basis:Regulation No. 105)	1 ppm 5 mg/m <sup>3</sup>	
Estonia	OEL TWA (Legal Basis:Regulation No. 105)	1 ppm	
Finland	OEL TWA (Legal Basis:HTP-ARVOT 2020)	3,8 mg/m <sup>3</sup>	
Finland	OEL TWA (Legal Basis:HTP-ARVOT 2020)	1 ppm	
Finland	OEL STEL (Legal Basis:HTP-ARVOT 2020)	11 mg/m <sup>3</sup>	
Finland	OEL STEL (Legal Basis:HTP-ARVOT 2020)	3 ppm	
Finland	OEL Chemical Category HTP-ARVOT 2020)	Potential for cutaneous absorption	
France	OEL TWA (Legal Basis:INRS ED 984)	5 mg/m³	
France	OEL TWA (Legal Basis:INRS ED 984)	1 ppm	
France	OEL Chemical Category (Legal Basis:INRS ED 984)	Risk of cutaneous absorption	
Greece	OEL TWA (Legal Basis:PWHSE)	4 mg/m³	
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Thioglycolic acid (68-11-1)					
Greece	OEL TWA (Legal Basis:PWHSE)	1 ppm			
Greece	OEL Chemical Category (Legal Basis:PWHSE)	skin - potential for cutaneous absorption			
Hungary	OEL TWA (Legal Basis:Decree No. 05/2020)	4 mg/m³			
Hungary	OEL Chemical Category (Legal Basis:Decree No. 05/2020)	Potential for cutaneous absorption			
Ireland	OEL TWA (Legal Basis:2020 COP)	5 mg/m³			
Ireland	OEL TWA (Legal Basis:2020 COP)	1 ppm			
Ireland	OEL STEL (Legal Basis:2020 COP)	15 mg/m³ (calculated)			
Ireland	OEL STEL (Legal Basis:2020 COP)	3 ppm (calculated)			
USA ACGIH	OEL TWA (Legal Basis:IMDFN1)	1 ppm			
Latvia	OEL TWA (Legal Basis:Reg. No. 325)	0,1 mg/m <sup>3</sup>			
Lithuania	OEL TWA (Legal Basis:HN 23:2011)	4 mg/m³			
Lithuania	OEL TWA (Legal Basis:HN 23:2011)	1 ppm			
Lithuania	OEL STEL (Legal Basis:HN 23:2011)	8 mg/m³			
Lithuania	OEL STEL (Legal Basis: A-N 684)	2 ppm			
Lithuania	OEL Chemical Category (Legal Basis:HN 23:2011)	Skin notation			
Norway	OEL TWA (Legal Basis:FOR-2020-04-06-695)	5 mg/m³			
Norway	OEL TWA (Legal Basis: FOR-2020-04-06-695)	1 ppm			
Norway	OEL STEL (Legal Basis:FOR-2020-04-06-695)	10 mg/m³ (value calculated)			
Norway	OEL STEL (Legal Basis: FOR-2020-04-06-695)	3 ppm (value calculated)			
Poland	OEL TWA (Legal Basis:Dz. U. 2020 Nr. 61)	4 mg/m <sup>3</sup>			
Poland	OEL TWA (Legal Basis:Dz. U. 2020 Nr. 61)	8 mg/m <sup>3</sup>			
Portugal	OEL TWA (Legal Basis:Portuguese Norm NP 1796:2014)	1 ppm			
Portugal	OEL Chemical Category (Legal Basis:Portuguese Norm NP 1796:2014)	skin - potential for cutaneous exposure			
Spain OEL TWA (Legal Basis:OELCAIS) 3,8 mg/m³		3 8 mg/m <sup>3</sup>			
Spain OEL TWA (Legal Basis:OELCAIS) 1 ppm					
Spain	OEL Chemical Category (Legal Basis:OELCAIS)	skin - potential for cutaneous absorption			
Sweden	OEL TLV (Legal Basis:AFS 2018:1)	4 mg/m³			
Sweden	OEL TLV (Legal Basis:AFS 2018:1)	1 ppm			
Sweden	OEL STEL (Legal Basis: AFS 2018:1)	8 mg/m <sup>3</sup>			
Sweden	OEL STEL (Legal Basis: AFS 2018:1)	2 ppm			
Sweden	OEL Chemical Category (Legal Basis:AFS 2018:1)	Skin notation			
Switzerland	OEL STEL (Legal Basis: OLVSNAIF)	8 mg/m³ (aerosol, vapour)			
Switzerland	OEL STEL (Legal Basis:OLVSNAIF)	2 ppm (aerosol, vapour)			
Switzerland	OEL TWA (Legal Basis:OLVSNAIF)	4 mg/m³ (aerosol, vapour)			
Switzerland	OEL TWA (Legal Basis:OLVSNAIF)	1 ppm (aerosol, vapour)			
Switzerland	OEL Chemical Category (Legal Basis:OLVSNAIF)	Skin notation			
	White mineral oil, petroleum (8042-47-5)				
Germany	OEL TWA (Legal Basis:TRGS 900)	5 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-respirable fraction)			
Hungary	OEL TWA (Legal Basis:Decree No. 05/2020)	5 mg/m <sup>3</sup>			
USA ACGIH	OEL TWA (Legal Basis: IMDFN1)	5 mg/m³ (mist)			
Latvia	OEL TWA (Legal Basis:Reg. No. 325)	5 mg/m <sup>3</sup>			
Slovenia	OEL TWA (Legal Basis:No. 79/19)	5 mg/m³ (respirable fraction)			
Slovenia	OEL TWA (Legal Basis:No. 79/19)  OEL STEL (Legal Basis:No. 79/19)	20 mg/m³ (respirable fraction)			
Switzerland	OEL TWA (Legal Basis:OLVSNAIF)	5 mg/m³ (inhalable dust)			
SWILZELIGITU	OLL I WA (LEGAI DASIS.OLVSINAIF)	2 mg/m (initialable dust)			

# 8.2. Exposure Controls

**Appropriate Engineering Controls** 

: For occupational/workplace settings: 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. Gas detectors should be used when flammable gases or vapours may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment.

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#### **Personal Protective Equipment**

: For occupational/workplace settings and bulk quantities: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection. 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** : For occupational/workplace settings: Chemically resistant materials and fabrics.

Wear fire/flame resistant/retardant clothing.

**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

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: White liquid in aerosolColour: No data availableOdour: No data availableOdour Threshold: No data availablepH: 12,1-12,7Evaporation Rate: No data available

**Evaporation Rate** : No data available **Melting Point** Not available **Freezing Point** Not available **Boiling Point** No data available **Flash Point** : No data available **Auto-Ignition Temperature** : Not 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** : ≥ 1,02 (Water=1)

Solubility : Water: Soluble Partition Coefficient n-Octanol/Water : No data available Viscosity No data available **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

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

#### 10.1. Reactivity

Reacts violently with strong oxidisers. Increased risk of fire or explosion.

#### 10.2. Chemical Stability

Flammable aerosol. Pressurized container: may burst if heated.

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#### **Possibility of Hazardous Reactions**

Hazardous polymerization will not occur.

#### 10.4. **Conditions to Avoid**

Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.

#### **Incompatible Materials** 10.5.

Strong acids, strong bases, strong oxidisers.

#### **Hazardous Decomposition Products**

Not expected to decompose under ambient conditions.

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

11.1.	Information C	n Hazard Classes	As Defined In Regulation (	Ec	) No 1272/2008
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: Dermal, Inhalation, Eye **Likely Routes of Exposure** : Harmful if swallowed. Acute Toxicity (Oral)

**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)

Acute Toxicity (Illinatation)	. Not classified (based on available data, the classification effects are not met)
Nair™ Rose Spray (EU GHS(2020/878))	
ATE CLP (oral)	1.499,65 mg/kg bodyweight
n-Butane (106-97-8)	
LC50 Inhalation Rat	30957 mg/m³ (Exposure time: 4 h)
LC50 Inhalation Rat	276798,8 ppm
Propane (74-98-6)	
LC50 Inhalation Rat	> 800000 ppm (Exposure time: 15 min)
1,2-Propanediol (57-55-6)	
LD50 Oral Rat	20 g/kg
LD50 Dermal Rabbit	20800 mg/kg
Calcium hydroxide (1305-62-0)	
LD50 Oral Rat	7340 mg/kg
LD50 Dermal Rat	> 2500 mg/kg
LC50 Inhalation Rat	> 6,04 mg/l/4h
Sodium hydroxide (1310-73-2)	
LD50 Oral Rat	325 mg/kg
Thioglycolic acid (68-11-1)	
LD50 Oral Rat	73 mg/kg
LD50 Dermal Rabbit	848 mg/kg
LC50 Inhalation Rat	56,7 ppm/4h
LC50 Inhalation Rat	1,388 mg/l/4h
White mineral oil, petroleum (8042-47-5)	
LD50 Oral Rat	> 5000 mg/kg

Skin Corrosion/Irritation : Causes skin irritation.

pH: 12,1 - 12,7

Eye Damage/Irritation : Causes serious eve damage.

pH: 12,1 - 12,7

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

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

Specific Target Organ Toxicity (Repeated :

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** : Redness, pain, swelling, itching, burning, dryness, and dermatitis. **Symptoms/Injuries After Eye Contact** : Causes permanent damage to the cornea, iris, or conjunctiva.

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**Symptoms/Injuries After Ingestion**: This material is harmful orally and can cause adverse health effects or death in

significant amounts.

**Chronic Symptoms** : None known.

#### 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**

#### 12.1. Toxicity

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

Short-Term (Acute)

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

Long-Term (Chronic)

1,2-Propanediol (57-55-6)	
LC50 - Fish [1]	51600 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 - Crustacea [1]	10000 mg/l (Exposure time: 24 h - Species: Daphnia magna)
LC50 - Fish [2]	41 – 47 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 - Crustacea [2]	1000 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
NOEC chronic crustacea	1000 mg/l
NOEC chronic algae	1000 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
Thioglycolic acid (68-11-1)	
LC50 - Fish [1]	39,8 mg/l
EC50 - Crustacea [1]	35,8 mg/l
NOEC chronic algae	2,2 mg/l
White mineral oil, petroleum (8042-47-5)	
LC50 - Fish [1]	> 10000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)

#### 12.2. Persistence and Degradability

	,	
Nair™ Rose Spray (EU GHS(2020/878))		
	Persistence and Degradability	Not established.

#### 12.3. Bioaccumulative Potential

12101 Diodecamatative i otential	
Nair <sup>™</sup> Rose Spray (EU GHS(2020/878))	
Bioaccumulative Potential	Not established.
n-Butane (106-97-8)	
Log POW	2,89
Isobutane (75-28-5)	
BCF Fish 1	1,57 – 1,97
Log POW	2,88 (at 20 °C)
Propane (74-98-6)	
Log POW	2,3
1,2-Propanediol (57-55-6)	
BCF Fish 1	<1
Log POW	-0,92
Calcium hydroxide (1305-62-0)	
BCF Fish 1	(no bioaccumulation)
White mineral oil, petroleum (8042-47-5)	
Log POW	>6
40.4 . 44.10. 1 . 4.1	

### 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

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#### 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 release to the environment.

### **SECTION 13: DISPOSAL CONSIDERATIONS**

#### 13.1. Waste Treatment Methods

Product/Packaging Disposal Recommendations

: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations. Do not pierce or burn, even after use. Hazardous waste (ignitable) due to the prescence of flammable liquids

and gases.

**Ecology - Waste Materials** : Avoid release to the 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

ADR	IMDG	IATA	ADN	RID
14.1. UN Numbe	er or ID Number			
UN 1950	UN 1950	UN 1950	UN 1950	UN 1950
	Shipping Name			
Aerosols, flammable	Aerosols, flammable	Aerosols, flammable	Aerosols, flammable	Aerosols, flammable
14.3. Transport	Hazard Class(Es)			
2.1	2.1	2.1	2.1	2.1
2	*	***	*	*
14.4. Packing Gr	oup			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environme	ental Hazards			
Dangerous for the environment : No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No

#### 14.6. Special Precautions For User

No additional information available

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

Not applicable

#### **SECTION 15: REGULATORY INFORMATION**

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

15.1.1. EU-Regulations

#### 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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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	Nair <sup>™</sup> Rose Spray (EU GHS(2020/878))
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	Nair <sup>™</sup> Rose Spray (EU GHS(2020/878)) ; Thioglycolic acid
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.	n-Butane ; Isobutane ; Propane

#### 15.1.1.2. REACH Candidate List Information

Contains no substance on the REACH candidate list

#### 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

Contains no substance 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.

#### 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

n-Butane (106-97-8)	
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)	
Isobutane (75-28-5)	
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)	
Propane (74-98-6)	
Listed on the FFC inventory FINECS (Furonean Inventory of Existing Commercial Chemical Substances)	

#### 1,2-Propanediol (57-55-6)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### Calcium hydroxide (1305-62-0)

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)

#### Thioglycolic acid (68-11-1)

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)

#### 15.1.1.8. Other Information

No additional information available

#### 15.1.2. National Regulations

No additional information available

#### 15.1.3. International Inventory Lists

#### n-Butane (106-97-8)

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)

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)

### Isobutane (75-28-5)

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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)

#### Propane (74-98-6)

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)

#### 1,2-Propanediol (57-55-6)

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)

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)

#### Calcium hydroxide (1305-62-0)

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)

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

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)

#### Thioglycolic acid (68-11-1)

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

Listed on the Canadian DSL (Domestic Substances List)

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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)

#### 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)

#### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out

#### **SECTION 16: OTHER INFORMATION**

**Date of Preparation or Latest Revision** 

Data Sources : Information

: 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- and EUH-statements:

Text of n- and con-statements.	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aerosol 1	Aerosol, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
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
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.
Press. Gas	Gases under pressure
Press. Gas (Comp.)	Gases under pressure : Compressed gas

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Press. Gas (Liq.)	Gases under pressure : Liquefied gas
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
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]:

Aerosol 1	Expert judgment
Acute Tox. 4 (Oral)	Calculation method
Skin Irrit. 2	Expert judgment
Eye Dam. 1	On basis of test data

#### **Indication of Changes**

No additional information available

#### **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

 ${\sf MARPOL-International\ Convention\ for\ the\ Prevention\ of\ Pollution}$ 

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

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 by 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

Regulations, Schedule 1

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

\*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

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

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

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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 at work (1)

#### 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

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

Safety (Asbestos), as amended by Decree 316/2006.

**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.

Church&Dwight EU GHS SDS (2020/878)

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 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-

Malta - MOSHAA Ch. 424 - Malta Occupational Health and Safety Authority Act: Chapter 424 as amended by: Legal Notice 353, 53, 198, and 57.

Netherlands- OWCRLV - Occupational Working Conditions Regulation, Limit Values for substances harmful to health, Annex XVIII, Updated from August 1, 2020

N°684 of 2018

Norway - FOR-2020-04-060695 - Regulations concerning action and limit values for physical and chemical agents in the working environment and classified biological agents, FOR-2011-12-06-1358, Updated by: FOR-2020-04-06-695, FOR-2020-03-23-402, FOR-2018-12-20-2186, FOR-2018-08-21-1255, FOR-2017-12-20-2353.

**Poland - Dz. U. 2020 Nr. 61** - Regulation of the Minister of Family, Labor and Social Policy of June 12, 2018 on the Highest Allowable Concentrations and Intensities of Factors Harmful to Health in the Work Environment Dz.U. 2018 Nr. 1286 of June 12, 2018, Annex 1 - List of values of the highest permissible chemical concentrations and dust factors harmful to health in the work environment, amended by: Dz. U. 2020 Nr. 61.

**Portugal - Portuguese Norm NP 1796:2014** - Occupational exposure limits and biological exposure indices to chemical agents. Table 1 - Occupational exposure limits and biological exposure indices to chemical agents (OELs), Law Decree 35/2020.

Romania - Gov. Dec. No 1.218 - Governmental Decision No. 1.218 from 06/09/2006 on the minimum health and safety requirements for protection of workers from the risks related to exposure to chemical agents, Annex No. 1 Mandatory National Occupational Exposure Limit Values for Chemical Agents. Amended by Decision no. 157, 584, 359, and 1.

**Slovakia - Gov. Decree 33/2018** - Government Decree of Slovak Republic 33/2018 on January 17, 2018 amending Government Decree of Slovak Republic 355/2006 about protection of health of employees when working with chemical agents

Slovenia - No. 79/19 - Regulation for protection of workers against risks related to carcinogenic or mutagenic substances exposure. Annex III - Classification and binding levels of carcinogenic or mutagenic substances for occupational exposure. The Official Journal of the Republic of Slovenia, No. 101/2005. Amended by 38/15, 79/19. Regulation for protection of workers against risks related to exposure to chemical substances at the workplace. Republic of Slovenia, No. 100/2001. Annex I - List of Binding Occupational Exposure Limit Values. Amended by 39/05, 53/07, 102/10, 38/15, 78/18, 78/19 Spain - AFS 2018:1 - NATIONAL INSTITUTE FOR HEALTH AND SAFETY AT WORK. Occupational exposure limits for chemical agents in Spain. Tables 1 and 3. Latest edition Feb. 2019

**Sweden - AFS 2018:1** - Statute Book of the Swedish Work Environment Authority, AFS 2018:1

The Swedish Work Environment Authority's Ordinance and General Guidance on Hygienic Limit Values

**Switzerland - OLVSNAIF -** Occupational Limit Values 2020 Swiss National Accident Insurance Fund. List of Biological Limit Values (BAT-Werte) and List of MAK Values.

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