# **SAFETY DATA SHEET**



: 15.03

Denmark

Date of issue/Date of revision: 3 September 2024

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

September 2024 Version

undertaking	·····	
1.1 Product identifier		
Product name	NOVAGUARD 840 LT HARDENER CREAM	
Product code	00246628	
Other means of identificat		
Not available.		
1.2 Relevant identified uses	the substance or mixture and uses advised against	
Product use	Professional applications, Used by spraying.	
Use of the substance/ mixture	Coating.; Hardener.	
Uses advised against	Product is not intended, labelled or packaged for consumer use.	
<b>1.3 Details of the supplier of</b> PPG Coatings Belgium BV/3 Tweemontstraat 104 B-2100 Deurne Belgium Telephone +32-33606311 Fax +32-33606435	∍ safety data sheet	
e-mail address of person responsible for this SDS	Product.Stewardship.EMEA@ppg.com	
1.4 Emergency telephone n	ber	
National advisory body/Po	<u>Centre</u>	
Telephone number	Poison Information Centre; emergency telephone, public + 45 82 12 12 ( sector +45 35 31 55 55)	(health

# **SECTION 2: Hazards identification**

2.1 Classification of the	substance or mixture		
Product definition	: Mixture		
Classification according	<u>g to Regulation (EC) No. ′</u>	1272/2008 [CLP/GHS]	
Acute Tox. 4, H302			
Acute Tox. 3, H311			
Acute Tox. 3, H331			
Skin Corr. 1A, H314			
Eye Dam. 1, H318			
Skin Sens. 1, H317			
Aquatic Chronic 2, H411			
The product is classified	as hazardous according to	Regulation (EC) 1272/2008 as amended.	
English (GB)	-	Denmark	1/18

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NOVAGUARD 840 LT HARDENER CREAM

# **SECTION 2: Hazards identification**

See Section 16 for the full text of the H statements declared above.

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See Section 11 for more detailed information on health effects and symptoms.

## 2.2 Label elements

Hazard pictograms



Hazard statements:Harmful if swallowed. Toxic in contact with skin or if inhaled. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects.Precautionary statements:Precention:Wear protective gloves, protective clothing and eye or face protection. Avoid release to the environment.Response:Collect spillage.IF INHALED: Immediately call a POISON CENTER or doctor. IF SWALLOWED: Immediately call a POISON CENTER or doctor.Storage:Disposal:Disposal:Disposal:Supplemental label:P280, P273, P391, P304 + P310, P301 + P310, P501P280, P273, P391, P304 + P310, P301 + P310, P501P280, P273, P391, P304 + P310, P301 + P310, P501Nci-3-(timethysicylipopylethyletheits(cyclohexylamine) N-(3-(timethysicylipopylethyletheits(cyclohexylamine) Supplemental labelSupplemental label:Not applicable.On the manufacture, placing on the market and use of certain dangerous substances, mixtures and articlesScocial packaging requirements Containers to be fifther:Containers to be fifther:Not applicable.Pacter write charge of danger the child-resistant fartenings:Not applicable.Containers to be fifther of PBT or vPVB:Other hazards:Not applicable.Other hazards:Not explicable.Other hazards:Not applicable.Other	Signal word	:	Danger
Prevention       : Wear protective gloves, protective clothing and eye or face protection. Avoid release to the environment.         Response       : Collect spillage. IF INHALED: Immediately call a POISON CENTER or doctor. IF SWALLOWED: Immediately call a POISON CENTER or doctor.         Storage       : Not applicable.         Disposal       : Dispose of contents and container in accordance with all local, regional, national and international regulations.         P280, P273, P391, P304 + P310, P301 + P310, P501         Hazardous ingredients       ??-dimethyl-4.4'-methylenebis(cyclohexylamine)         N-(3-(trimethoxysilyl)propyl)ethylenediamine 3-aminopropyldimethylamine       3-aminopropyldimethylamine         Supplemental label       : Not applicable.       : Not applicable.         elements       : Not applicable.       : Not applicable.         on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles       : Not applicable.         Special packaging requirements       : Not applicable.         Containers to be fitted with child-resistant fastenings       : Not applicable.         Tactile warning of danger       : Not applicable.         Product meets the criteria for PET or vPvB       : This mixture does not contain any substances that are assessed to be a PBT or a vPvB.         Other hazards which do       : None known.	Hazard statements	:	Toxic in contact with skin or if inhaled. Causes severe skin burns and eye damage. May cause an allergic skin reaction.
Response       : Collect spillage. IF INHALED: Immediately call a POISON CENTER or doctor. IF SWALLOWED: Immediately call a POISON CENTER or doctor.         Storage       : Not applicable.         Disposal       : Dispose of contents and container in accordance with all local, regional, national and international regulations. P280, P273, P391, P304 + P310, P301 + P310, P501         Hazardous ingredients       ?2'-dimethyl-4,4-methylenebis(cyclohexylamine) N-(3-(timethoxysily))propyl)ethylenediamine 3-aminopropyldimethylamine         Supplemental label elements       : Not applicable.         Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles       : Not applicable.         Special packaging requirements Containers to be fitted with child-resistant fastenings       : Not applicable.         Z3 Other hazards       : Not applicable.         Product meets the criteria for PBT or vPvB Other hazards which do       : None known.	Precautionary statements		
SWALLOWED: Immediately call a POISON CENTER or doctor.         Storage       Not applicable.         Disposal       Dispose of contents and container in accordance with all local, regional, national and international regulations. P280, P273, P391, P304 + P310, P301 + P310, P501         Hazardous ingredients       \$\vec{2}2\$-dimethyl-4,4"-methylenebis(cyclohexylamine) N-(3-(trimethoxysilyl)propyl)ethylenediamine 3-aminopropyldimethylamine         Supplemental label elements       Not applicable.         Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles       Not applicable.         Special packaging requirements Containers to be fitted with child-resistant fastenings Tactile warning of danger       Not applicable.         2.3 Other hazards       Product meets the criteria for PBT or vPvB       This mixture does not contain any substances that are assessed to be a PBT or a vPvB.	Prevention	:	
Disposal       : Dispose of contents and container in accordance with all local, regional, national and international regulations.         P280, P273, P391, P304 + P310, P301 + P310, P501         Hazardous ingredients       P280, '273, P391, P304 + P310, P301 + P310, P501         Supplemental label       P280, '273, P391, P304 + P310, P501         Supplemental label       : Not applicable.         elements       Not applicable.         Annex XVII - Restrictions on the market and use of certain dangerous substances, mixtures and articles       : Not applicable.         Special packaging requirements       : Not applicable.         Containers to be fitted with child-resistant fastenings       : Not applicable.         Tactile warning of danger       : Not applicable.         Product meets the criteria for PBT or vPvB       : This mixture does not contain any substances that are assessed to be a PBT or a vPvB.         Other hazards which do       : None known.	Response	:	
international regulations.         P280, P273, P391, P304 + P310, P301 + P310, P501         Hazardous ingredients       \$\frac{2}{2}\text{-dimethyl-4,4}\text{-methylenebis(cyclohexylamine)} N-(3-(trimethoxysilyl)propyl)ethylenediamine 3-aminopropyldimethylamine         Supplemental label       :         elements       Not applicable.         Annex XVII - Restrictions       :         on the manufacture,       :         placing on the market and       use of certain dangerous         substances, mixtures and       :         Articles       Special packaging requirements         Containers to be fitted       :         with child-resistant       :         fastenings       :         Tactile warning of danger       :         Vot applicable.       :         Product meets the criteria       :         for PBT or vPvB       :         Other hazards       :         Other hazards which do       :         None known.       :	Storage	:	Not applicable.
Hazardous ingredients       Z'2'-dimethyl-4,4'-methylenebis(cyclohexylamine) N-(3-(trimethoxysilyl)propyl)ethylenediamine 3-aminopropyldimethylamine         Supplemental label elements       : Not applicable.         Annex XVII - Restrictions       : Not applicable.         placing on the market and use of certain dangerous substances, mixtures and articles       : Not applicable.         Special packaging requirements Containers to be fitted fastenings       : Not applicable.         Z'-dimethyl-4,4'-methylenebis(cyclohexylamine) 3-aminopropyldimethylamine       : Not applicable.         Special packaging requirements Containers to be fitted fastenings       : Not applicable.         Z'-dimethyl-4,4'-methylenebis(cyclohexylamine) substances, mixtures and articles       : Not applicable.         Special packaging requirements Containers to be fitted fastenings       : Not applicable.         Z'-dimethyl-4,4'-methylenebis(cyclohexylamine) substances, mixtures and articles       : Not applicable.         Z'-dimethyl-4,4'-methylenebis(cyclohexylamine) substances, mixtures and articles       : Not applicable.         Z'-dimethyl-4,4'-methylenebis(cyclohexylamine) substances, mixtures and for PBT or vPvB       : Not applicable.         Other hazards       : This mixture does not contain any substances that are assessed to be a PBT or a vPvB.         Other hazards which do       : None known.	Disposal	:	
N-(3-(trimethoxysilyl)propyl)ethylenediamine 3-aminopropyldimethylamine         Supplemental label       : Not applicable.         elements       Annex XVII - Restrictions       : Not applicable.         Annex XVII - Restrictions       : Not applicable.         on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles       : Not applicable.         Special packaging requirements       : Containers to be fitted with child-resistant fastenings       : Not applicable.         Z.3 Other hazards       : Not applicable.       :         Product meets the criteria for PBT or vPvB       : This mixture does not contain any substances that are assessed to be a PBT or a vPvB.         Other hazards which do       : None known.       :			P280, P273, P391, P304 + P310, P301 + P310, P501
elements       Annex XVII - Restrictions : Not applicable.         on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles       Special packaging requirements         Special packaging requirements       Containers to be fitted : Not applicable.         with child-resistant fastenings       Tactile warning of danger : Not applicable.         Z.3 Other hazards       Product meets the criteria for PBT or vPvB         Other hazards which do : None known.       None known.	Hazardous ingredients		N-(3-(trimethoxysilyl)propyl)ethylenediamine
on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles <u>Special packaging requirements</u> Containers to be fitted : Not applicable. with child-resistant fastenings Tactile warning of danger : Not applicable. 2.3 Other hazards Product meets the criteria : This mixture does not contain any substances that are assessed to be a PBT or a vPvB. for PBT or vPvB Other hazards which do : None known.		:	Not applicable.
Containers to be fitted with child-resistant fastenings Tactile warning of danger: Not applicable.Z.3 Other hazards: Not applicable.Product meets the criteria for PBT or vPvB: This mixture does not contain any substances that are assessed to be a PBT or a vPvB. for Note known.Other hazards which do: None known.	on the manufacture, placing on the market and use of certain dangerous substances, mixtures and	:	Not applicable.
with child-resistant         fastenings         Tactile warning of danger       : Not applicable.         2.3 Other hazards         Product meets the criteria for PBT or vPvB       : This mixture does not contain any substances that are assessed to be a PBT or a vPvB.         Other hazards which do       : None known.	Special packaging requirem	ien	<u>ts</u>
<ul> <li>2.3 Other hazards</li> <li>Product meets the criteria for PBT or vPvB</li> <li>Other hazards which do : None known.</li> </ul>	with child-resistant	:	Not applicable.
Product meets the criteria for PBT or vPvB: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.Other hazards which do: None known.	Tactile warning of danger	:	Not applicable.
for PBT or vPvB Other hazards which do : None known.	2.3 Other hazards		
		:	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
		:	None known.

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Туре

[1]

[1]

**NOVAGUARD 840 LT HARDENER CREAM** 

# **SECTION 3: Composition/information on ingredients**

3.2 Mixtures	: Mixture			
Product/ingredient name	Identifiers	% by weight	Classification	Specific Conc. Limits, M-factors and ATEs
2,2'-dimethyl-4,4'- methylenebis (cyclohexylamine)	REACH #: 01-2119497829-12 EC: 229-962-1 CAS: 6864-37-5 Index: 612-110-00-1	≥50 - ≤75	Acute Tox. 4, H302 Acute Tox. 3, H311 Acute Tox. 3, H331 Skin Corr. 1A, H314 Eye Dam. 1, H318 Aquatic Chronic 2, H411	ATE [Oral] = 500 mg/ kg ATE [Dermal] = 300 mg/kg ATE [Inhalation (dusts and mists)] = 0.5 mg/l
benzyl alcohol	REACH #: 01-2119492630-38 EC: 202-859-9 CAS: 100-51-6 Index: 603-057-00-5	≥5.0 - ≤10	Acute Tox. 4, H302 Acute Tox. 4, H332 Eye Irrit. 2, H319	ATE [Oral] = 1230 mg/ kg ATE [Inhalation (dusts and mists)] = 1.5 mg/l
Formaldehyde, polymer with N,N-dimethyl- 1,3-propanediamine and phenol	CAS: 445498-00-0	≥5.0 - ≤10	Acute Tox. 4, H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	ATE [Oral] = 500 mg/ kg M [Acute] = 1 M [Chronic] = 1

Formaldehyde, polymer with N,N-dimethyl- 1,3-propanediamine and phenol	CAS: 445498-00-0	≥5.0 - ≤10	Acute Tox. 4, H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	ATE [Oral] = 500 mg/ kg M [Acute] = 1 M [Chronic] = 1	[1]	
N-(3-(trimethoxysilyl)propyl) ethylenediamine	EC: 217-164-6 CAS: 1760-24-3	≥1.0 - ≤5.0	Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT SE 3, H335	-	[1]	
2,4,6-tris (dimethylaminomethyl) phenol	REACH #: 01-2119560597-27 EC: 202-013-9 CAS: 90-72-2	≥1.0 - ≤5.0	Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Corr. 1C, H314 Eye Dam. 1, H318	ATE [Oral] = 1200 mg/ kg ATE [Dermal] = 1280 mg/kg	[1]	
3-aminopropyldimethylamine	REACH #: 01-2119486842-27 EC: 203-680-9 CAS: 109-55-7 Index: 612-061-00-6	≤0.30	Flam. Liq. 3, H226 Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 See Section 16 for the full text of the H statements declared above.	ATE [Oral] = 410 mg/ kg ATE [Dermal] = 1100 mg/kg	[1]	

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

[1] Substance classified with a health or environmental hazard

Occupational exposure limits, if available, are listed in Section 8.

### SUB codes represent substances without registered CAS Numbers.

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# **SECTION 4: First aid measures**

### 4.1 Description of first aid measures

Eye contact	: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.
Inhalation	: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
Skin contact	<ul> <li>Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.</li> </ul>
Ingestion	: If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

#### **4.2 Most important symptoms and effects, both acute and delayed**

Potential acute health effects	
Eye contact	Causes serious eye damage.
Inhalation	Toxic if inhaled.
Skin contact	Causes severe burns. Toxic in contact with skin. May cause an allergic skin reaction.
Ingestion	Harmful if swallowed.
Over-exposure signs/sympton	<u>ns</u>
Eye contact	: Adverse symptoms may include the following: pain watering redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: pain or irritation redness blistering may occur
Ingestion	: Adverse symptoms may include the following: stomach pains
4.3 Indication of any immediate	e medical attention and special treatment needed
Notes to physician	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Specific treatments : No specific treatment.

# **SECTION 5: Firefighting measures**

5.1 Extinguishing media	
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.

## 5.2 Special hazards arising from the substance or mixture

E	nalish (GB)	Denmark	4/18

# **SECTION 5: Firefighting measures**

	<b>3</b>
Hazards from the substance or mixture	: In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous combustion products	: Decomposition products may include the following materials: carbon oxides nitrogen oxides metal oxide/oxides Formaldehyde.
5.3 Advice for firefighters	
Special precautions for fire-fighters	<ul> <li>Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.</li> </ul>
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

# **SECTION 6: Accidental release measures**

6.1 Personal precautions, pro	tective equipment and emergency procedures
For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Do not breathe vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.
6.3 Methods and material for	containment and cleaning up
Small spill	: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spill product.
6.4 Reference to other sections	<ul> <li>See Section 1 for emergency contact information.</li> <li>See Section 8 for information on appropriate personal protective equipment.</li> <li>See Section 13 for additional waste treatment information.</li> </ul>

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# SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 7.1 Precautions for safe handling

Protective measures	Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
7.2 Conditions for safe storage, including any incompatibilities	: Store between the following temperatures: 0 to 35°C (32 to 95°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

#### 7.3 Specific end use(s)

See Section 1.2 for Identified uses.

# **SECTION 8: Exposure controls/personal protection**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 8.1 Control parameters

### **Occupational exposure limits**

No exposure limit value known.

**Recommended monitoring procedures** : Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

#### **DNELs**

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# **SECTION 8: Exposure controls/personal protection**

Product/ingredient name	Туре	Exposure	Value	Population	Effects
<b>2</b> ,2'-dimethyl-4,4'-	DNEL	Long term Oral	0.008 mg/kg bw/day	General population	Systemic
methylenebis		-			-
(cyclohexylamine)					
	DNEL	Long term Dermal	0.05 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	0.6 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Long term Inhalation	1 mg/m³	Workers	Local
benzyl alcohol	DNEL	Long term Oral	4 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	4 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	5.4 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Dermal	8 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Oral	20 mg/kg bw/day	General population	Systemic
	DNEL	Short term Dermal	20 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	22 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Short term Inhalation	27 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Short term Dermal	40 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Inhalation	110 mg/m <sup>3</sup>	Workers	Systemic
N-(3-(trimethoxysilyl)propyl) ethylenediamine	DNEL	Long term Inhalation	0.1 mg/m³	General population	Local
	DNEL	Long term Inhalation	0.6 mg/m <sup>3</sup>	Workers	Local
	DNEL	Long term Oral	4 mg/kg bw/day	General population	Systemic
	DNEL	Short term Inhalation	4 mg/m <sup>3</sup>	General population	Local
	DNEL	Short term Inhalation	5.36 mg/m <sup>3</sup>	Workers	Local
	DNEL	Long term Inhalation	26 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Inhalation	130 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Short term Inhalation	26400 mg/m <sup>3</sup>	General population	Systemic
2,4,6-tris (dimethylaminomethyl)phenol	DNEL	Long term Oral	0.075 mg/kg bw/day	General population	Systemic
(unneuryianinoineuryi)phenoi	DNEL	Short term Dermal	0.075 mg/kg bw/day	General population	Systemic
	DNEL		0.075 mg/kg bw/day		
	DNEL	Long term Dermal Short term Inhalation	0.075  mg/kg bw/day 0.13 mg/m <sup>3</sup>	General population General population	Systemic Systemic
	DNEL		0.13 mg/m <sup>3</sup>		
	DNEL	Long term Inhalation Long term Dermal	0.15 mg/kg bw/day	General population Workers	Systemic Systemic
	DNEL	Long term Inhalation	0.15  mg/kg bw/day $0.53 \text{ mg/m}^3$	Workers	Systemic
	DNEL	Short term Dermal			
	DNEL	Short term Inhalation	0.6 mg/kg bw/day	Workers Workers	Systemic Systemic
2 aminopropuldimethylamine	DNEL		2.1 mg/m <sup>3</sup>	Workers	Systemic Systemic
3-aminopropyldimethylamine	DINEL	Long term Inhalation	1.2 mg/m³	VVUIKEIS	Systemic

#### **PNECs**

Product/ingredient name	Туре	Compartment Detail	Value	Method Detail
3-aminopropyldimethylamine	-	Fresh water	0.034 mg/l	Assessment Factors
	-	Marine water	0.003 mg/l	Assessment Factors
	-	Sewage Treatment Plant	69.5 mg/l	Assessment Factors
	-	Fresh water sediment	0.221 mg/kg dwt	Equilibrium Partitioning
	-	Marine water sediment	0.022 mg/kg dwt	Equilibrium Partitioning
	-	Soil	0.024 mg/kg dwt	Equilibrium Partitioning

#### 8.2 Exposure controls

Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

#### Individual protection measures

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SECTION 8: Exposur	e controls/personal protection
Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	: Chemical splash goggles and face shield. Use eye protection according to EN 166.
Skin protection	
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.
Gloves	: nitrile neoprene
Body protection	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Wear a respirator conforming to EN140. Filter type: organic vapour (Type A) and particulate filter P3
Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

# **SECTION 9: Physical and chemical properties**

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physic	al and chemical properties	
<u>Appearance</u>		
Physical state	: Liquid.	
Colour	: Yellow.	
Odour	: Amine-like.	
Odour threshold	: Not available.	
Melting point/freezing point	: May start to solidify at the following temperature: -7.1°C (19.2° data for the following ingredient: 2,2'-dimethyl-4,4'-methyleneb Weighted average: -8.54°C (16.6°F)	
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# **SECTION 9: Physical and chemical properties**

Initial boiling point and boiling range	>37.78°C	
Flammability Upper/lower flammability or	Not available. Greatest known range: Lower: 1.3% Upper: 13% (benzyl alcohol)	
explosive limits		
Flash point	Closed cup: 107°C	
Auto-ignition temperature	275°C (527°F)	
Decomposition temperature	Stable under recommended storage and handling conditions (see Section 7).	
рН	Not applicable. insoluble in water.	
Viscosity	Kinematic (40°C): >21 mm²/s	
Solubility(ies)		
Media	Result	
cold water	Not soluble	

#### Partition coefficient: n-octanol/ : Not applicable. water

## Vapour pressure

Vapour pressure	:							
			Vapour Pressure at 20°C			Vapour pressure at 50°C		
		Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method
		,4,6-tris (dimethylaminomethyl) phenol	0.056	0.0075	EU A.4			
Evaporation rate	:	0.007 (benzyl alcoho	l) compai	red with	butyl acetate			
Relative density	:	0.97						
Vapour density	:	Highest known value	e: 3.7 (Air	-= 1) (be	enzyl alcohol).			
Explosive properties	:	The product itself is vapour or dust with a	•		the formation	of an ex	plosible n	nixture of
Oxidising properties	:	Product does not pre	esent an c	oxidizing	hazard.			
Particle characteristics								
Median particle size	:	Not applicable.						
9.2 Other information								
No additional information.								

# **SECTION 10: Stability and reactivity**

English (GB)	Denmark 9/18
10.5 Incompatible materials	: Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.
10.4 Conditions to avoid	: When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
10.2 Chemical stability	: The product is stable.
10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.

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# **SECTION 10: Stability and reactivity**

10.6 Hazardous decomposition products

: Depending on conditions, decomposition products may include the following materials: carbon oxides nitrogen oxides Formaldehyde. metal oxide/oxides

# **SECTION 11: Toxicological information**

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

## Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
2,2'-dimethyl-4,4'-methylenebis	LC50 Inhalation Dusts and	Rat	420 mg/m <sup>3</sup>	4 hours
(cyclohexylamine)	mists		Ū,	
	LD50 Dermal	Rabbit	>0.2 g/kg	-
	LD50 Oral	Rat	>0.32 g/kg	-
benzyl alcohol	LC50 Inhalation Dusts and	Rat	>4178 mg/m <sup>3</sup>	4 hours
	mists			
	LD50 Dermal	Rabbit	2000 mg/kg	-
	LD50 Oral	Rat	1.23 g/kg	-
N-(3-(trimethoxysilyl)propyl) ethylenediamine	LD50 Dermal	Rabbit	>2000 mg/kg	-
,	LD50 Oral	Rat	2413 mg/kg	-
2,4,6-tris(dimethylaminomethyl)phenol	LD50 Dermal	Rat	1280 mg/kg	-
	LD50 Oral	Rat	1200 mg/kg	-
3-aminopropyldimethylamine	LD50 Dermal	Rabbit	>1000 mg/kg	-
	LD50 Oral	Rat	410 mg/kg	-

**Conclusion/Summary** : There are no data available on the mixture itself.

# Acute toxicity estimates

Route	ATE value		
<ul> <li>Øral</li> <li>Dermal</li> <li>Inhalation (dusts and mists)</li> </ul>	575.4 mg/kg 407.59 mg/kg 0.66 mg/l		

## Irritation/Corrosion

<b>Conclusion/Summary</b>	
Skin	: There are no data available on the mixture itself.
Eyes	: There are no data available on the mixture itself.
Respiratory	: There are no data available on the mixture itself.
Sensitisation	
<b>Conclusion/Summary</b>	
Skin	: There are no data available on the mixture itself.
Respiratory	: There are no data available on the mixture itself.
Mutagenicity	
<b>Conclusion/Summary</b>	: There are no data available on the mixture itself.
<b>Carcinogenicity</b>	
<b>Conclusion/Summary</b>	: There are no data available on the mixture itself.
Reproductive toxicity	
<b>Conclusion/Summary</b>	: There are no data available on the mixture itself.
<b>Teratogenicity</b>	
Conclusion/Summary	: There are no data available on the mixture itself.
Specific target organ toxic	<u>ity (single exposure)</u>

#### (EC) N 1907/2006 (REACH) A n d k latic n (EU) .41 C

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ECTION 11: Toxicol	ogical informat	tion		
Product/ingr	edient name	Category	Route of exposure	Target organs
N-(3-(trimethoxysilyl)propyl)et	hylenediamine	Category 3	-	Respiratory tract irritation
Not available.				
<mark>Aspiration hazard</mark> Not available.				
Information on likely routes of exposure	: Not available.			
Potential acute health effect	<u>s</u>			
Inhalation	: Toxic if inhaled.			
Ingestion	: Harmful if swallowe			
Skin contact			rith skin. May cau	use an allergic skin reaction
Eye contact	: Causes serious eye	-		
Symptoms related to the ph		toxicological charact	teristics	
Inhalation	: No specific data.			
Ingestion	: Adverse symptoms stomach pains	s may include the follow	wing:	
Skin contact	: Adverse symptoms pain or irritation redness blistering may occu	s may include the follow	wing:	
Eye contact	: Adverse symptoms pain watering redness	s may include the follow	wing:	
Delayed and immediate effe	cts as well as chronic	<u>c effects from short a</u>	ind long-term ex	<u>(posure</u>
Short term exposure				
Potential immediate effects	: Not available.			
Potential delayed effects	: Not available.			
Long term exposure Potential immediate effects	: Not available.			
Potential delayed effects	: Not available			
Potential chronic health effe				
Not available.				
Conclusion/Summary	: Not available.			
General		severe allergic reactio	n may occur whe	en subsequently exposed to
Carcinogenicity	•	nt effects or critical ha	zards.	
Mutagenicity	-	nt effects or critical ha		
Reproductive toxicity	-	nt effects or critical ha		
Other information	: Not available.			

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**SECTION 11: Toxicological information** 

Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapour/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. Trimethoxysilanes are capable of forming methanol if hydrolyzed or ingested. If swallowed, methanol may be harmful or fatal or cause blindness. Contains a substance that may emit formaldehyde if stored beyond its shelf life and/or during cure at curing temperatures greater than 60C/140F. Exposure to amine vapor has been reported to cause transient corneal edema described as blue haze, halo effect, foggy or blurred vision for several hours. This condition is typically temporary and does not cause permanent visual effects. When the proper eye protection specified in Section 8 is worn, exposure is significantly reduced and the condition has not been observed.

#### 11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Not available.

#### 11.2.2 Other information

Not available.

# **SECTION 12: Ecological information**

#### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
₩-(3-(trimethoxysilyl)propyl)ethylenediamine	EC50 597 mg/l	Fish	96 hours
2,4,6-tris(dimethylaminomethyl)phenol	Acute LC50 >100 mg/l	Daphnia	48 hours
	Acute LC50 >100 mg/l	Fish	96 hours
3-aminopropyldimethylamine	Acute LC50 122 mg/l	Fish	96 hours

**Conclusion/Summary** : There are no data available on the mixture itself.

#### 12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
<b>2</b> ,4,6-tris	OECD 301D	4 % - Not readily - 28 days	-	-
(dimethylaminomethyl)phenol	Ready			
	Biodegradability -			
	Closed Bottle			
	Test			
3-aminopropyldimethylamine	OECD 301D	69 % - Readily - 20 days	-	-
Conclusion/Summary	: There are no dat	a available on the mixture itself.	·	•

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Penzyl alcohol 2,4,6-tris(dimethylaminomethyl)phenol 3-aminopropyldimethylamine	-		Readily Not readily Readily

#### 12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
2,2'-dimethyl-4,4'-methylenebis(cyclohexylamine)	1.8	-	Low
benzyl alcohol	0.87	-	Low
2,4,6-tris(dimethylaminomethyl)phenol	0.219	-	Low
3-aminopropyldimethylamine	-0.352	-	Low

#### 12.4 Mobility in soil

Soil/water partition coefficient (Koc)

: Not available.

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# SECTION 12: Ecological information

Mobility

: Not available.

### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

#### 12.6 Endocrine disrupting properties

Not available.

#### 12.7 Other adverse effects

No known significant effects or critical hazards.

# **SECTION 13: Disposal considerations**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### **13.1 Waste treatment methods**

#### Product

- Methods of disposal
- : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

#### Hazardous waste

European waste catalogue (EWC)

Waste code		Waste designation
08 01 11*	waste paint and va	arnish containing organic solvents or other hazardous substances
Packaging Methods of disposal		n of waste should be avoided or minimised wherever possible. Waste buld be recycled. Incineration or landfill should only be considered when t feasible.
Type of packaging		European waste catalogue (EWC)
Container	15 01 06	mixed packaging
Special precautions	taken when ha Empty contain	and its container must be disposed of in a safe way. Care should be andling emptied containers that have not been cleaned or rinsed out. lers or liners may retain some product residues. Avoid dispersal of spilt unoff and contact with soil, waterways, drains and sewers.

# **SECTION 14: Transport information**

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**SECTION 14: Transport information** 

	ADR/RID	ADN	IMDG	IATA
14.1 UN number or ID number	UN2922	UN2922	UN2922	UN2922
14.2 UN proper shipping name	CORROSIVE LIQUID, TOXIC, N.O.S.	CORROSIVE LIQUID, TOXIC, N.O.S.	CORROSIVE LIQUID, TOXIC, N.O.S.	CORROSIVE LIQUID, TOXIC, N.O.S.
	(2,2'-dimethyl-4,4'- methylenebis (cyclohexylamine), 2,4,6-tris (dimethylaminomethyl) phenol)	(2,2'-dimethyl-4,4'- methylenebis (cyclohexylamine), 2,4,6-tris (dimethylaminomethyl) phenol)	(2,2'-dimethyl-4,4'- methylenebis (cyclohexylamine), 2,4,6-tris (dimethylaminomethyl) phenol)	(2,2'-dimethyl-4,4'- methylenebis (cyclohexylamine), 2,4,6-tris (dimethylaminomethyl) phenol)
14.3 Transport hazard class(es)	8 (6.1)	8 (6.1)	8 (6.1)	8 (6.1)
14.4 Packing group	II	II	II	II
14.5 Environmental hazards	Yes.	Yes.	Yes.	Yes. The environmentally hazardous substance mark is not required.
Marine pollutant substances	Not applicable.	Not applicable.	(2,2'-dimethyl-4,4'- methylenebis (cyclohexylamine))	Not applicable.

## Additional information

ADR/RID	: The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.
ADN	: The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.
IMDG	: The marine pollutant mark is not required when transported in sizes of $\leq 5$ L or $\leq 5$ kg.
ΙΑΤΑ	: The environmentally hazardous substance mark may appear if required by other transportation regulations.
14.6 Special user	precautions for : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
14.7 Maritim	e transport in : Not applicable.

bulk according to IMO instruments

# **SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture <u>EU Regulation (EC) No. 1907/2006 (REACH)</u>

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

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SECTION 15: Regulat	ory information
on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Not applicable. : Mot applicable.
Ozone depleting substances Not listed.	<u>(1005/2009/EU)</u>
Seveso Directive	
This product is controlled und	er the Seveso Directive.
Danger criteria	
Category	
H2	
E2	
National regulations	
MAL-code	: 5-6
Protection based on MAL	: According to the regulations on work involving coded products, the following stipulations apply to the use of personal protective equipment:
	<b>General:</b> Gloves must be worn for all work that may result in soiling. Apron/coveralls/ protective clothing must be worn when soiling is so great that regular work clothes do not adequately protect skin against contact with the product. A face shield must be worn in work involving spattering if a full mask is not required. In this case, other recommended use of eye protection is not required.
	In all spraying operations in which there is return spray, the following must be worn: respiratory protection and arm protectors/apron/coveralls/protective clothing as appropriate or as instructed.
	MAL-code: 5-6 <b>Application:</b> When using scraper or knife, brush, roller etc. for pre- and post- treatments in a spray booth where the operator is outside the spray zone and when working in similar new* facilities of the combined-cabin, spray-cabin and spray-booth type where the operator is working inside the spray zone. When spraying in new* booths and cabins with non-atomizing guns.
	- Protective clothing must be worn.
	During non-atomising spraying in existing* facilities of the combined-cabin, spray-cabin and spray-booth type where the operator is working inside the spray zone. When spraying in existing* spray booths, if the operator is outside the spray zone. When using scraper or knife, brush, roller, etc, for pre- and post-treatments in cabins or booths of the existing* facility type, if the operator is inside the spray zone. When using scraper or knife, brush, roller, etc. for pre- and post-treatments outside a closed facility, spray booth or spray cabin. During downtimes, cleaning and repair in closed facilities, spray booths or cabins, if there is a risk of contact with wet paint or organic solvents.
	- Air-supplied full mask and protective clothing must be worn.
	When spraying in new* booths if the operator is outside the spray zone.

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# Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 Code : 00246628 Date of issue/Date of revision : 3 September 2024 **NOVAGUARD 840 LT HARDENER CREAM** SECTION 15: Regulatory information - Air-supplied full mask must be worn. During all spraying where atomisation occurs in cabins or spray booths where the operator is inside the spray zone and during spraying outside a closed facility, cabin or booth. - Air-supplied full mask, protective clothing and hood must be worn. Drying: Items for drying/drying ovens that are temporarily placed on such things as rack trolleys, etc, must be equipped with a mechanical exhaust system to prevent fumes from wet items from passing through workers' inhalation zone.

**Polishing:** When polishing treated surfaces, a mask with dust filter must be worn. When machine grinding, eye protection must be worn. Work gloves must always be worn.

**Caution** The regulations contain other stipulations in addition to the above.

\*See Regulations.

**Restrictions on use** 

List of undesirable

substances

: Not to be used by professional users below 18 years of age. See the National Working Environment Authorities Executive Order regarding Young People At Work.

: Listed

# 15.2 Chemical safety assessment

: No Chemical Safety Assessment has been carried out.

# **SECTION 16: Other information**

Indicates information that has changed from previously issued version.

#### Abbreviations and acronyms

ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement PNEC = Predicted No Effect Concentration RRN = REACH Registration Number PBT = Persistent, Bioaccumulative and Toxic vPvB = Very Persistent and Very Bioaccumulative ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway IMDG = International Maritime Dangerous Goods

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IATA = International Air Transport Association					
Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]					
Classification	Justification				
Classification Acute Tox. 4, H302	Justification           Calculation method				
Acute Tox. 4, H302	Calculation method				
Acute Tox. 4, H302 Acute Tox. 3, H311	Calculation method Calculation method				
Acute Tox. 4, H302 Acute Tox. 3, H311 Acute Tox. 3, H331	Calculation method Calculation method Calculation method				
Acute Tox. 4, H302 Acute Tox. 3, H311 Acute Tox. 3, H331 Skin Corr. 1A, H314	Calculation method Calculation method Calculation method Calculation method				

Full text of abbreviated H statements

<b>₩</b> 226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

## Full text of classifications [CLP/GHS]

Acute Tox. 3	ACUTE TOXICITY - Category 3
Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Aquatic Chronic 2	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Flam. Liq. 3	FLAMMABLE LIQUIDS - Category 3
Skin Corr. 1A	SKIN CORROSION/IRRITATION - Category 1A
Skin Corr. 1B	SKIN CORROSION/IRRITATION - Category 1B
Skin Corr. 1C	SKIN CORROSION/IRRITATION - Category 1C
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1B	SKIN SENSITISATION - Category 1B
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE -
	Category 3

#### <u>History</u>

Date of issue/ Date of revision	: 3 September 2024
Date of previous issue	: 31 October 2022
Prepared by	: EHS
Version	: 15.03
<u>Disclaimer</u>	

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# **SECTION 16: Other information**

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by us, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.