

## SAFETY DATA SHEET

# 142911-001 - Nowo Facademaling SREP

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

#### 1.1. Product identifier

##### Trade name

142911-001 - Nowo Facademaling SREP

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

##### Relevant identified uses of the substance or mixture

facade paint

##### Uses advised against

None known.

#### 1.3. Details of the supplier of the safety data sheet

##### Company and address

##### **NOWOCOAT INDUSTRIAL A/S**

Ståltevej 3

6000 Kolding

Denmark

Tel: +45 7550 1111

##### E-mail

mail@nowocoat.dk

##### Revision

15/10/2025

##### SDS Version

5.0

##### Date of previous version

30/09/2025 (4.0)

#### 1.4. Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)

General public:

England - Dial 111 to reach NHS 111 (24 hour service)

Scotland - Dial 111 to reach NHS 24 (24 hour service)

Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour service)

See section 4 "First aid measures".

### SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

#### 2.1. Classification of the substance or mixture

Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Hazard pictogram(s)

Not applicable.

##### Signal word

Not applicable.

##### Hazard statement(s)

Harmful to aquatic life with long lasting effects. (H412)

### Precautionary statement(s)

#### General

Not applicable.

#### Prevention

Avoid release to the environment. (P273)

#### Response

Not applicable.

#### Storage

Not applicable.

#### Disposal

Dispose of contents/container in accordance with local regulation. (P501)

### Hazardous substances

3-Iodo-2-propynyl butylcarbamate (IPBC)

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1)

2-Methyl-2H-isothiazol-3-one

#### ▼ Additional labelling

EUH208, Contains Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1), 2-Methyl-2H-isothiazol-3-one, 1,2-Benzisothiazol-3(2H)-one. May produce an allergic reaction.

The product contains a biocidal product.

#### Waste disposal:

Paint and cleaning fluid must not be disposed of in drains, but collected and disposed of as environmental waste.

### VOC

VOC content: < 40 g/L

MAXIMUM VOC CONTENT (Phase II, category A/c (WB): 40 g/L)

### 2.3. Other hazards

#### Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. ▼ Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Titanium dioxide	CAS No.: 13463-67-7 EC No.: 236-675-5 UK-REACH: Index No.:	0-15%		
Kaolin	CAS No.: 1332-58-7 EC No.: 310-194-1 UK-REACH: Index No.:	5-10%		[19]
2-(2-Butoxyethoxy)ethanol	CAS No.: 112-34-5 EC No.: 203-961-6 UK-REACH: Index No.: 603-096-00-8	1-3%	Eye Irrit. 2, H319	[1], [3]
3-Iodo-2-propynyl butylcarbamate (IPBC)	CAS No.: 55406-53-6 EC No.: 259-627-5 UK-REACH:	<1%	Acute Tox. 4, H302 Skin Sens. 1, H317 Eye Dam. 1, H318	

	Index No.: 616-212-00-7		Acute Tox. 3, H331 (ATE: 0.67 mg/L) STOT RE 1, H372 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)
1,2-Benzisothiazol-3(2H)-one	CAS No.: 2634-33-5 EC No.: 220-120-9 UK-REACH: Index No.: 613-088-00-6	<0.036%	Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 (SCL: 0.036 %) Eye Dam. 1, H318 Acute Tox. 2, H330 (ATE: 0.21 mg/L) Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1)	CAS No.: 55965-84-9 EC No.: UK-REACH: Index No.: 613-167-00-5	<0.0015%	EUH071 Acute Tox. 3, H301 Acute Tox. 2, H310 Skin Corr. 1C, H314 (SCL: 0.60 %) Skin Irrit. 2, H315 (SCL: 0.06 %) Skin Sens. 1A, H317 (SCL: 0.0015 %) Eye Dam. 1, H318 (SCL: 0.60 %) Eye Irrit. 2, H319 (SCL: 0.06 %) Acute Tox. 2, H330 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)
2-Methyl-2H-isothiazol-3-one	CAS No.: 2682-20-4 EC No.: 220-239-6 UK-REACH: Index No.: 613-326-00-9	<0.0015%	EUH071 Acute Tox. 3, H301 (ATE: 120.00 mg/kg) Acute Tox. 3, H311 (ATE: 242.00 mg/kg) Skin Corr. 1B, H314 Skin Sens. 1A, H317 (SCL: 0.0015 %) Eye Dam. 1, H318 Acute Tox. 2, H330 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

[1] European occupational exposure limit.

[3] According to UK REACH, Annex XVII, the substance is subject to restrictions.

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

#### Skin contact

IF ON SKIN: Wash with plenty of water and soap.

Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

#### Eye contact

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

#### Ingestion

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

#### Burns

Not applicable.

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

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact.

Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

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

Treat symptomatically.

#### Information to medics

Bring this safety data sheet or the label from this product.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

#### 5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Some metal oxides

#### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

#### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

#### 6.3. Methods and material for containment and cleaning up

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.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

#### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

### 7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### Recommended storage material

Always store in containers of the same material as the original container.

#### Storage conditions

No specific requirements.

#### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Titanium dioxide

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 10(inhalable)/4(respirable)

Kaolin

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 2

2-(2-Butoxyethoxy)ethanol

Long term exposure limit (8 hours) (ppm): 10

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 67,5

Short term exposure limit (15 minutes) (ppm): 15

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 101,2

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.  
EH40/2005 Workplace exposure limits (Fourth Edition 2020).

### ▼ DNEL

2-(2-Butoxyethoxy)ethanol

Duration:	Route of exposure:	DNEL:
Long term - Systemic effects - General population	Dermal	50 mg/kg bw/day
Long term - Systemic effects - Workers	Dermal	83 mg/kg bw/day
Long term - Local effects - General population	Inhalation	40.5 mg/m <sup>3</sup>
Long term - Local effects - Workers	Inhalation	67.5 mg/m <sup>3</sup>
Long term - Systemic effects - General population	Inhalation	40.5 mg/m <sup>3</sup>
Long term - Systemic effects - Workers	Inhalation	67.5 mg/m <sup>3</sup>
Short term - Local effects - General population	Inhalation	60.7 mg/m <sup>3</sup>
Short term - Local effects - Workers	Inhalation	101.2 mg/m <sup>3</sup>
Long term - Systemic effects - General population	Oral	5 mg/kg bw/day

2-Methyl-2H-isothiazol-3-one

Duration:	Route of exposure:	DNEL:
Long term - Local effects - General population	Inhalation	0.021 mg/m <sup>3</sup>
Long term - Local effects - Workers	Inhalation	0.021 mg/m <sup>3</sup>
Short term - Local effects - General population	Inhalation	0.043 mg/m <sup>3</sup>

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Short term – Local effects - Workers	Inhalation	0.043 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	0.027 mg/kg bw/day
Short term – Systemic effects - General population	Oral	0.053 mg/kg bw/day

#### Titanium dioxide

Duration:	Route of exposure:	DNEL:
Long term – Local effects - Workers	Inhalation	10 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	700 mg/kg bw/day

#### ▼ PNEC

##### 2-(2-Butoxyethoxy)ethanol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater	Single	1,1 mg/L
Intermittent release	Continuous	11 mg/L
Marine water	Single	0.11 mg/L
Soil	Single	0.32 mg/kg soil dw

##### 2-Methyl-2H-isothiazol-3-one

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater	Single	3.39 µg/L
Intermittent release	Continuous	3.39 µg/L
Marine water	Single	3.39 µg/L
Soil	Single	0.047 mg/kg soil dw

#### Titanium dioxide

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater	Single	184 µg/L
Intermittent release	Continuous	193 µg/L
Marine water	Single	18.4 µg/L
Soil	Single	100 mg/kg soil dw

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

### Exposure scenarios

There are no exposure scenarios implemented for this product.

### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

### Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

### Individual protection measures, such as personal protective equipment

**Generally**

Use only UKCA marked protective equipment.

**Respiratory Equipment**

No specific requirements.

**Skin protection**

No specific requirements.

**Hand protection**

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
Nitrile	0.4	> 480	EN374-2, EN16523-1, EN388



**Eye protection**

No specific requirements.

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**Physical state**

Liquid

**Colour**

No data available.

**Odour / Odour threshold**

No data available.

**pH**

No data available.

**Density (g/cm<sup>3</sup>)**

1,4-1,5

**Kinematic viscosity**

No data available.

**Particle characteristics**

Does not apply to liquids.

**Phase changes**

**Melting point/Freezing point (°C)**

No data available.

**Softening point/range (°C)**

Does not apply to liquids.

**Boiling point (°C)**

No data available.

**Vapour pressure**

No data available.

**Relative vapour density**

No data available.

**Decomposition temperature (°C)**

No data available.

**Data on fire and explosion hazards**

**Flash point (°C)**

No data available.

**Flammability (°C)**

No data available.

**Auto-ignition temperature (°C)**

No data available.

Lower and upper explosion limit (% v/v)

No data available.

Solubility

Solubility in water

Completely soluble

n-octanol/water coefficient (LogKow)

No data available.

Solubility in fat (g/L)

No data available.

9.2. Other information

VOC (g/L)

< 40

Other physical and chemical parameters

No data available.

Oxidizing properties

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

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

▼ Acute toxicity

Product/substance	Titanium dioxide
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	5000 mg/kg bw

Product/substance	Titanium dioxide
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	3.43 - 6.82 (4 h) mg/L

Product/substance	2-(2-Butoxyethoxy)ethanol
Species:	Mouse
Route of exposure:	Oral
Test:	LD50
Result:	2410 mg/kg bw

Product/substance	2-(2-Butoxyethoxy)ethanol
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Species: Rabbit  
 Route of exposure: Dermal  
 Test: LC50  
 Result: 2764 mg/kg bw

Product/substance 3-Iodo-2-propynyl butylcarbamate (IPBC)  
 Species: Rat  
 Route of exposure: Inhalation  
 Test: LD50  
 Result: 0,67 mg/L

Product/substance 2-Methyl-2H-isothiazol-3-one  
 Species: Rat  
 Route of exposure: Oral  
 Test: LD50  
 Result: 120 mg/kg bw

Product/substance 2-Methyl-2H-isothiazol-3-one  
 Species: Rat  
 Route of exposure: Inhalation  
 Test: LC50 (4 hours)  
 Result: 0,11 mg/L

Product/substance 2-Methyl-2H-isothiazol-3-one  
 Species: Rat  
 Route of exposure: Dermal  
 Test: LD50  
 Result: 242 mg/kg bw

Based on available data for the mixture, the classification criteria are not met.

**Skin corrosion/irritation**

Based on available data for the mixture, the classification criteria are not met.

**Serious eye damage/irritation**

Based on available data for the mixture, the classification criteria are not met.

**Respiratory sensitisation**

Based on available data for the mixture, the classification criteria are not met.

**Skin sensitisation**

This product contains substances that may trigger an allergic reaction in already sensitized persons.

**Germ cell mutagenicity**

Based on available data for the mixture, the classification criteria are not met.

**Carcinogenicity**

Based on available data for the mixture, the classification criteria are not met.

**Reproductive toxicity**

Based on available data for the mixture, the classification criteria are not met.

**STOT-single exposure**

Based on available data for the mixture, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data for the mixture, the classification criteria are not met.

**Aspiration hazard**

Based on available data for the mixture, the classification criteria are not met.

**11.2. Information on other hazards**

**Long term effects**

None known.

**Endocrine disrupting properties**

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

Titanium dioxide has been classified by IARC as a group 2B carcinogen.

SECTION 12: Ecological information

12.1. ▼ Toxicity

Product/substance Titanium dioxide  
 Species: Fish  
 Duration: 96 hours  
 Test: LC50  
 Result: 155 - 294 mg/L

Product/substance Titanium dioxide  
 Species: Daphnia  
 Duration: 48 hours  
 Test: LC50  
 Result: 500 mg/L

Product/substance Titanium dioxide  
 Species: Algae  
 Duration: 72 hours  
 Test: EC50  
 Result: 100 mg/L

Product/substance 2-(2-Butoxyethoxy)ethanol  
 Species: Fish  
 Duration: 96 hours  
 Test: LC50  
 Result: 1300 mg/L

Product/substance 2-(2-Butoxyethoxy)ethanol  
 Species: Daphnia  
 Duration: 48 hours  
 Test: EC50  
 Result: > 100 mg/L

Product/substance 2-(2-Butoxyethoxy)ethanol  
 Species: Algae  
 Duration: 96 hours  
 Test: EC50  
 Result: > 100 mg/L

Product/substance 2-Methyl-2H-isothiazol-3-one  
 Species: Fish  
 Duration: 96 hours  
 Test: LC50  
 Result: 4,77 mg/L

Product/substance 2-Methyl-2H-isothiazol-3-one  
 Species: Daphnia  
 Duration: 48 hours  
 Test: EC50  
 Result: 0,934 mg/L

Product/substance 2-Methyl-2H-isothiazol-3-one  
 Species: Algae  
 Duration: 96 hours  
 Test: EC50

Result: > 0.072 mg/L

Harmful to aquatic life with long lasting effects.

#### 12.2. ▼ Persistence and degradability

Product/substance 2-(2-Butoxyethoxy)ethanol  
 Result: 85 %  
 Conclusion: Readily biodegradable  
 Test: OECD 301 C

Product/substance 2-Methyl-2H-isothiazol-3-one  
 Result: 47,6 %  
 Conclusion: Not biodegradable  
 Test: OECD 301 B

#### 12.3. ▼ Bioaccumulative potential

Product/substance 2-(2-Butoxyethoxy)ethanol  
 LogKow: 1,0000  
 Conclusion: No potential for bioaccumulation

Product/substance 2-Methyl-2H-isothiazol-3-one  
 LogKow: -0.486  
 Conclusion: No potential for bioaccumulation

#### 12.4. Mobility in soil

No data available.

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

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

#### 12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

#### 12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product is not covered by regulations on dangerous waste.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

##### EWC code

08 01 12 Waste paint and varnish other than those mentioned in 08 01 11

#### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

### SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

\* Packing group

\*\* Environmental hazards

#### Additional information

Not dangerous goods according to ADR, IATA and IMDG.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Maritime transport in bulk according to IMO instruments

No data available.

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### Restrictions for application

No special.

##### Demands for specific education

No specific requirements.

##### SEVESO - Categories / dangerous substances

Not applicable.

##### REACH, Annex XVII

2-(2-Butoxyethoxy)ethanol is subject to restrictions, UK-REACH annex XVII (entry 55).

##### Additional information

Not applicable.

##### Sources

In accordance with Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products as retained and amended in UK law.

2012 No. 1715 ENVIRONMENTAL PROTECTION: The Volatile Organic Compounds in Paints, Varnishes and Vehicle Refinishing Products Regulations 2012.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

#### 15.2. Chemical safety assessment

No

### SECTION 16: Other information

#### ▼ Full text of H-phrases as mentioned in section 3

EUH071, Corrosive to the respiratory tract.

H301, Toxic if swallowed.

H302, Harmful if swallowed.

H310, Fatal in contact with skin.

H311, Toxic in contact with skin.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H330, Fatal if inhaled.

H331, Toxic if inhaled.

H372, Causes damage to organs through prolonged or repeated exposure.

H400, Very toxic to aquatic life.

H410, Very toxic to aquatic life with long lasting effects.

#### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
CE = Conformité Européenne (European conformity)  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
CSA = Chemical Safety Assessment  
CSR = Chemical Safety Report  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EINECS = European Inventory of Existing Commercial chemical Substances  
ES = Exposure Scenario  
EUH statement = CLP-specific Hazard statement  
EuPCS = European Product Categorisation System  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
GWP = Global warming potential  
IARC = International Agency for Research on Cancer (IARC)  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

#### Additional information

The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

#### The safety data sheet is validated by

DH

#### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en