

SAFETY DATA SHEET

161826-005 - NowoClean - Metal Cleaner

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

1.1. Product identifier

Trade name

161826-005 - NowoClean - Metal Cleaner

▼ Unique formula identifier (UFI)

HWA9-G03N-VG5V-CC8V

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

Relevant identified uses of the substance or mixture

Cleaning product

Restricted to professional users.

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

NOWOCOAT INDUSTRIAL A/S

Stålvvej 3

6000 Kolding

Denmark

Tel: +45 7550 1111

E-mail

mail@nowocoat.dk

Revision

14/10/2025

SDS Version

7.0

Date of previous version

10/10/2025 (6.0)

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

Eye Irrit. 2; H319, Causes serious eye irritation.

2.2. Label elements

Hazard pictogram(s)



Signal word

Warning

Hazard statement(s)

Causes serious eye irritation. (H319)

Precautionary statement(s)

General

Not applicable.

Prevention

Wear eye protection/protective gloves/protective clothing. (P280)

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)

If eye irritation persists: Get medical advice/attention. (P337+P313)

Storage

Not applicable.

Disposal

Not applicable.

Hazardous substances

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

Additional labelling

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

The product contains a biocidal product.

UFI: HWA9-G03N-VG5V-CC8V

Waste disposal:

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

Labelling of contents according to Detergents Regulation (EC) No 648/2004 (applicable to packaging of detergents sold to the general public)

< 5%

- Anionic surfactants
- Phosphates

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 |
|-------------------------------------|---|-------|----------------|------|
| (2-Methoxymethylethoxy)propa nol | CAS No.: 34590-94-8 EC No.: 252-104-2 UK-REACH: Index No.: | 5-10% | | [1] |

| | | | | |
|--|---|----------|---|------|
| Alcohols,C12-14, even numbered, ethoxylated, 2,5 EO, sulfates, sodium salts | CAS No.: 68891-38-3 EC No.: 500-234-8 UK-REACH: Index No.: | 3-5% | Skin Irrit. 2, H315 Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Aquatic Chronic 3, H412 | [19] |
| 3-Butoxypropan-2-ol | CAS No.: 5131-66-8 EC No.: 225-878-4 UK-REACH: Index No.: 603-052-00-8 | 1-3% | Skin Irrit. 2, H315 Eye Irrit. 2, H319 | |
| 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) | |

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.

[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/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 immediately with plenty of water or isotonic water (20-30 °C) for at least 5 minutes and continue until irritation stops. Remove contact lenses. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. 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

If eye irritation persists: Get medical advice/attention.

Information to medics

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Not applicable.

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:

Carbon oxides (CO / CO₂)

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.

Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

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

Avoid contact during pregnancy and while nursing.

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

(2-Methoxymethylethoxy)propanol

Long term exposure limit (8 hours) (ppm): 50

Long term exposure limit (8 hours) (mg/m³): 308

Annotations:

Sk = Can be absorbed through the skin and lead to systemic toxicity.

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-Methoxymethylethoxy)propanol

| Duration: | Route of exposure: | DNEL: |
|---|--------------------|------------------------|
| Long term – Systemic effects - General population | Dermal | 121 mg/kg bw/day |
| Long term – Systemic effects - Workers | Dermal | 283 mg/kg bw/day |
| Long term – Systemic effects - General population | Inhalation | 37,2 mg/m ³ |
| Long term – Systemic effects - Workers | Inhalation | 308 mg/m ³ |
| Long term – Systemic effects - General population | Oral | 330 µg/kg bw/day |

3-Butoxypropan-2-ol

| Duration: | Route of exposure: | DNEL: |
|---|--------------------|-------------------------|
| Long term – Systemic effects - General population | Dermal | 16 mg/kg bw/day |
| Long term – Systemic effects - Workers | Dermal | 44 mg/kg bw/day |
| Long term – Systemic effects - General population | Inhalation | 33.8 mg/m ³ |
| Long term – Systemic effects - Workers | Inhalation | 270.5 mg/m ³ |
| Long term – Systemic effects - General population | Oral | 8.75 mg/kg bw/day |

Alcohols,C12-14, even numbered, ethoxylated, 2,5 EO, sulfates, sodium salts

| Duration: | Route of exposure: | DNEL: |
|---|--------------------|-----------------------|
| Long term – Systemic effects - General population | Dermal | 1650 mg/kg bw/day |
| Long term – Systemic effects - Workers | Dermal | 2750 mg/kg bw/day |
| Long term – Systemic effects - General population | Inhalation | 52 mg/m ³ |
| Long term – Systemic effects - Workers | Inhalation | 175 mg/m ³ |
| Long term – Systemic effects - General population | Oral | 15 mg/kg bw/day |

PNEC

(2-Methoxymethylethoxy)propanol

| Route of exposure: | Duration of Exposure: | PNEC: |
|----------------------|-----------------------|--------------------------|
| Freshwater | Single | 19 - 19.2 mg/L |
| Intermittent release | Continuous | 190 - 192 mg/L |
| Marine water | Single | 1.9 - 1.92 mg/L |
| Soil | Single | 2.2 - 2.74 mg/kg soil dw |

3-Butoxypropan-2-ol

| Route of exposure: | Duration of Exposure: | PNEC: |
|----------------------|-----------------------|-------------------|
| Freshwater | Single | 525 µg/L |
| Intermittent release | Continuous | 5.25 mg/L |
| Marine water | Single | 52.5 µg/L |
| Soil | Single | 160 µg/kg soil dw |

Alcohols,C12-14, even numbered, ethoxylated, 2,5 EO, sulfates, sodium salts

| Route of exposure: | Duration of Exposure: | PNEC: |
|----------------------|-----------------------|-------------------|
| Freshwater | Single | 240 µg/L |
| Intermittent release | Continuous | 71 µg/L |
| Marine water | Single | 24 µg/L |
| Soil | Single | 7.5 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

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally

Use only UKCA marked protective equipment.

Respiratory Equipment


No specific requirements.

Skin protection


| Recommended | Type/Category | Standards |
|--|---------------|-----------|
| Dedicated work clothing should be worn | - | - |



Hand protection

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

Eye protection

| Type | Standards | |
|-----------------------------------|-----------|---|
| Safety glasses with side shields. | EN166 |  |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Clear

Odour / Odour threshold

No data available.

pH

10

Density (g/cm³)

0,99 - 1,01

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

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 | (2-Methoxymethylethoxy)propanol |
| Species: | Rat |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | 5000 - 5230 mg/kg bw · |

| | |
|--------------------|---------------------------------|
| Product/substance | (2-Methoxymethylethoxy)propanol |
| Species: | Rabbit |
| Route of exposure: | Dermal |
| Test: | LD50 |
| Result: | 19020 mg/kg bw · |

| | |
|--------------------|---|
| Product/substance | Alcohols,C12-14, even numbered, ethoxylated, 2,5 EO, sulfates, sodium salts |
| Species: | Rat |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | 2870 - 4100 mg/kg bw · |

| | |
|--------------------|---|
| Product/substance | Alcohols,C12-14, even numbered, ethoxylated, 2,5 EO, sulfates, sodium salts |
| Species: | Rat |
| Route of exposure: | Dermal |
| Test: | LD50 |
| Result: | 2000 mg/kg bw · |

| | |
|--------------------|---------------------|
| Product/substance | 3-Butoxypropan-2-ol |
| Species: | Rat |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | 3300 mg/kg bw · |

| | |
|--------------------|---------------------|
| Product/substance | 3-Butoxypropan-2-ol |
| Species: | Rat |
| Route of exposure: | Inhalation |
| Test: | LC50 |
| Result: | 651 ppm (4 h) · |

| | |
|--------------------|---------------------|
| Product/substance | 3-Butoxypropan-2-ol |
| Species: | Rat |
| Route of exposure: | Dermal |
| Test: | LD50 |
| Result: | 2000 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

Causes serious eye irritation.

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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

Endocrine disrupting properties

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

Other information

None known.

SECTION 12: Ecological information

12.1. Toxicity

| | |
|-------------------|---------------------------------|
| Product/substance | (2-Methoxymethylethoxy)propanol |
| Species: | Fish |
| Duration: | 96 hours |

Test: LC50
Result: 1 g/L ·

Product/substance (2-Methoxymethylethoxy)propanol
Species: Daphnia
Duration: 48 hours
Test: LC50
Result: 1 - 1.919 g/L ·

Product/substance (2-Methoxymethylethoxy)propanol
Species: Algae
Duration: 72 hours
Test: EC50
Result: 969 mg/L ·

Product/substance Alcohols,C12-14, even numbered, ethoxylated, 2,5 EO, sulfates, sodium salts
Species: Fish
Duration: 96 hours
Test: LC50
Result: 7.1 mg/L ·

Product/substance Alcohols,C12-14, even numbered, ethoxylated, 2,5 EO, sulfates, sodium salts
Species: Daphnia
Duration: 48 hours
Test: EC50
Result: 7.2 - 7.4 mg/L ·

Product/substance Alcohols,C12-14, even numbered, ethoxylated, 2,5 EO, sulfates, sodium salts
Species: Algae
Duration: 72 hours
Test: EC50
Result: 27 - 27.7 mg/L ·

Product/substance 3-Butoxypropan-2-ol
Species: Daphnia
Duration: 48 hours
Test: EC50
Result: 1 g/L ·

Product/substance 3-Butoxypropan-2-ol
Species: Algae
Duration: 96 hours
Test: EC50
Result: 1 g/L ·

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

12.2. Persistence and degradability

Product/substance (2-Methoxymethylethoxy)propanol
Result: 96 %
Conclusion: Readily biodegradable
Test: OECD 301 F

Product/substance Alcohols,C12-14, even numbered, ethoxylated, 2,5 EO, sulfates, sodium salts
Result: 100 %
Conclusion: Readily biodegradable
Test: OECD 301 A

Product/substance 3-Butoxypropan-2-ol
Result: 89,8 %

Conclusion: Readily biodegradable
 Test: OECD 301 E

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

Product/substance (2-Methoxymethylethoxy)propanol
 LogKow: 0,0043
 Conclusion: No potential for bioaccumulation

Product/substance Alcohols,C12-14, even numbered, ethoxylated, 2,5 EO, sulfates, sodium salts
 LogKow: 0,3000
 Conclusion: No potential for bioaccumulation

Product/substance 3-Butoxypropan-2-ol
 LogKow: 1,2000
 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.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste. (*)
 Dispose of contents/container to an approved waste disposal plant.
 Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

EWC code

20 01 29* Detergents containing dangerous substances

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 information: |
|------|-----------------|---------------------------------|--------------------------|-------------|---------------|--------------------|
| 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

Restricted to professional users.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

Labelling of contents according to Detergents Regulation (EC) No 648/2004

< 5%

- Anionic surfactants
- Phosphates

Additional information

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Sources

The Health and Safety at Work etc. Act 1974 Regulations 2013.

Regulation (EC) No 648/2004 on detergents as retained and amended in UK law.

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.

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.

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.

H400, Very toxic to aquatic life.

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

H412, Harmful 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 health 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