SAFETY DATA SHEET

111107-002 - NowoMetal - Primer WB

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

1.1. Product identifier

Trade name

111107-002 - NowoMetal - Primer WB

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

Relevant identified uses of the substance or mixture

Primer, Paint for metal surfaces
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
Stålvej 3
6000 Kolding
Denmark
Tel: +45 7550 1111

E-mail

mail@nowocoat.dk

Revision

30/09/2025

SDS Version

9.0

Date of previous version

08/09/2025 (8.0)

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

2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

2.2. Label elements

Hazard pictogram(s)

Not applicable.

Signal word

Not applicable.

Hazard statement(s)

Not applicable.

Precautionary statement(s)

General
Not applicable.

Prevention
Not applicable.

Response
Not applicable.

Storage
Not applicable.

Disposal
Not applicable.

Hazardous substances
Does not contain any substances required to report

▼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.
EUH210, Safety data sheet available on request.

Waste disposal:
Paint and cleaning fluid must not be disposed of in drains, but collected and disposed of as environmental waste.
The product contains a biocidal product.

VOC
VOC content: < 25 g/L
MAXIMUM VOC CONTENT (Phase II, category A/g (WB): 30 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.:	10-15%		
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	
Kaolin	CAS No.: 1332-58-7 EC No.: 310-194-1 UK-REACH: Index No.:	1-3%		[19]
Bronopol (INN)	CAS No.: 52-51-7 EC No.: 200-143-0 UK-REACH: Index No.: 603-085-00-8	<0.05%	Acute Tox. 4, H302 (ATE: 193.00 mg/kg) Acute Tox. 4, H312 Skin Irrit. 2, H315 Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 1.00 %)	

			STOT SE 3, H335 Aquatic Acute 1, H400 (M=10)
1,2-Benzisothiazol-3(2H)-one	CAS No.: 2634-33-5 EC No.: 220-120-9 UK-REACH: Index No.: 613-088-00-6	<0.01%	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

[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

In case of discomfort: bring the person into fresh air.

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

Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

Ingestion

Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

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 exposed or concerned:
Get immediate 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

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:
Sulphur oxides
Carbon oxides (CO / CO2)
Some metal oxides

5.3. Advice for firefighters

No specific requirements.

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

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

No special conditions required.

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/m³): 10(inhalable)/4(respirable)

Barium sulfate
Long term exposure limit (8 hours) (mg/m³): 10(inhalable)/4(respirable)

Kaolin
Long term exposure limit (8 hours) (mg/m³): 2

Magnesium carbonate
Long term exposure limit (8 hours) (mg/m³): 10(inhalable)/4(respirable)

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

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/m³
Long term – Systemic effects - Workers	Inhalation	270.5 mg/m³
Long term – Systemic effects - General population	Oral	8.75 mg/kg bw/day

Barium sulfate

Duration:	Route of exposure:	DNEL:
Long term – Local effects - Workers	Inhalation	10 mg/m³
Long term – Systemic effects - General population	Inhalation	10 mg/m³
Long term – Systemic effects - Workers	Inhalation	10 mg/m³
Long term – Systemic effects - General population	Oral	13000 mg/kg bw/day

Bronopol (INN)

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Dermal	4 µg/cm²
Long term – Local effects - Workers	Dermal	8 µg/cm²
Long term – Systemic effects - General population	Dermal	0.7 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	2 mg/kg bw/day
Short term – Local effects - General population	Dermal	4 µg/cm²
Short term – Local effects - Workers	Dermal	8 µg/cm²
Short term – Systemic effects - General population	Dermal	2.1 mg/kg bw/day
Short term – Systemic effects - Workers	Dermal	6 mg/kg bw/day
Long term – Local effects - General population	Inhalation	0,6 mg/m³
Long term – Local effects - Workers	Inhalation	2.5 mg/m³
Long term – Systemic effects - General population	Inhalation	0.6 mg/m³
Long term – Systemic effects - Workers	Inhalation	3.5 mg/m³

Short term – Local effects - General population	Inhalation	0.6 mg/m³
Short term – Local effects - Workers	Inhalation	2.5 mg/m³
Short term – Systemic effects - General population	Inhalation	1.8 mg/m³
Short term – Systemic effects - Workers	Inhalation	10.5 mg/m³
Long term – Systemic effects - General population	Oral	0.18 mg/kg bw/day
Short term – Systemic effects - General population	Oral	0.5 mg/kg bw/day

Sodium benzoate

Duration:	**Route of exposure:**	**DNEL:**
Long term – Systemic effects - General population	Dermal	31.25 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	62.5 mg/kg bw/day
Long term – Local effects - General population	Inhalation	0.06 mg/m³
Long term – Local effects - Workers	Inhalation	0.1 mg/m³
Long term – Systemic effects - General population	Inhalation	1.5 mg/m³
Long term – Systemic effects - Workers	Inhalation	3 mg/m³
Long term – Systemic effects - General population	Oral	16.6 mg/kg bw/day

Titanium dioxide

Duration:	**Route of exposure:**	**DNEL:**
Long term – Local effects - Workers	Inhalation	10 mg/m³
Long term – Systemic effects - General population	Oral	700 mg/kg bw/day

PNEC

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

Barium sulfate

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater	Single	115 µg/L
Soil	Single	207.7 mg/kg soil dw

Bronopol (INN)

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater	Single	0.01 mg/L
Intermittent release	Continuous	0.003 mg/L
Marine water	Single	0.001 mg/L
Soil	Single	0.5 mg/kg soil dw

Sodium benzoate

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater	Single	0.13 mg/L
Intermittent release	Continuous	305 µg/L
Marine water	Single	0.013 mg/L

Soil	Single	0.06 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

Wash hands after use.

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

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

Various colours

Odour / Odour threshold

No data available.

pH
No data available.
Density (g/cm³)
1,25 - 1,35
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)
< 25
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	Barium sulfate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	307 g/kg

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 ·

Product/substance	Sodium benzoate
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50 (4 hours)
Result:	12200 mg/m³

Product/substance	Sodium benzoate
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50

Result:	> 2000 mg/kg bw

Product/substance	Bronopol (INN)
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	193 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	Barium sulfate
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	> 3.5 mg/L

Product/substance	Barium sulfate
Species:	Daphnia
Duration:	48 hours
Test:	LC50
Result:	14.5 mg/L

Product/substance	Barium sulfate
Species:	Algae
Duration:	72 hours
Test:	EC50
Result:	> 1.15 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 ·

Product/substance	Sodium benzoate
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	484 mg/L

Product/substance	Sodium benzoate
Species:	Daphnia
Duration:	96 hours
Test:	LC50
Result:	> 100 mg/L

Product/substance	Sodium benzoate
Species:	Algae
Duration:	72 hours
Test:	EC50
Result:	> 30.5 mg/L

Product/substance	Bronopol (INN)
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	35,7 mg/L

Product/substance	Bronopol (INN)

Species:	Daphnia
Duration:	48 hours
Test:	EC50
Result:	1,4 mg/L

Product/substance	Bronopol (INN)
Species:	Algae
Duration:	72 hours
Test:	EC50
Result:	0,25 mg/L

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

12.2. Persistence and degradability

Product/substance	3-Butoxypropan-2-ol
Result:	89,8 %
Conclusion:	Readily biodegradable
Test:	OECD 301 E

Product/substance	Sodium benzoate
Conclusion:	Readily biodegradable

Product/substance	Bronopol (INN)
Result:	70-80 %
Conclusion:	Readily biodegradable
Test:	OECD 301 B

12.3. Bioaccumulative potential

Product/substance	3-Butoxypropan-2-ol
LogKow:	1,2000
Conclusion:	No potential for bioaccumulation

Product/substance	Sodium benzoate
LogKow:	1,8800
Conclusion:	No potential for bioaccumulation

Product/substance	Bronopol (INN)
LogKow:	0,2100
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

None known.

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 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.

Additional information

Not applicable.

Sources

The Health and Safety at Work etc. Act 1974 Regulations 2013.
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.
H312, Harmful 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.
H335, May cause respiratory irritation.
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

Not applicable.

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