

SAFETY DATA SHEET

Pro-BW® LO Resin-Graphite Grey

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

1.1. Product identifier

Trade name

Pro-BW® LO Resin-Graphite Grey

Product no.

BWLO10GG

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

Relevant identified uses of the substance or mixture

Industrial purposes

Use descriptors (UK REACH)

Sectors of use	Description
SU 19	Building and construction work

Product category	Description
PC9a	Coatings and Paints, Fillers, Putties, Thinners

Uses advised against

Sectors of use	Description
LCS "C"	Consumer uses: Private households (= general public = consumers)

Process category	Description
PROC7	Industrial spraying
PROC11	Non industrial spraying

1.3. Details of the supplier of the safety data sheet

Company and address

Proteus Waterproofing Ltd

21a Sirdar Road, Brook Road Industrial Estate

SS6 7XF Rayleigh, Essex

England

+44 (0) 1268 777871 Office Mon-Fri 08:30-17:00 outside of these hours call emergency numbers

www.proteuswaterproofing.co.uk

E-mail

enquiries@proteuswaterproofing.co.uk

Revision

29/11/2022

SDS Version

1.0

1.4. Emergency telephone number

In emergency call +44 (0) 1865 407 333

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Skin Irrit. 2; H315, Causes skin irritation.

Skin Sens. 1; H317, May cause an allergic skin reaction.

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

STOT RE 2; H373, May cause damage to organs through prolonged or repeated exposure.

2.2. Label elements

Hazard pictogram(s)



Signal word

Warning

Hazard statement(s)

- Causes skin irritation. (H315)
- May cause an allergic skin reaction. (H317)
- Causes serious eye irritation. (H319)
- May cause damage to organs through prolonged or repeated exposure. (H373)

Safety statement(s)

General

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Prevention

- Do not handle until all safety precautions have been read and understood. (P202)
- Do not breathe vapour/mist. (P260)
- Avoid contact during pregnancy and while nursing. (P263)
- Wash hands and exposed skin thoroughly after handling. (P264)
- Do not eat, drink or smoke when using this product. (P270)
- Contaminated work clothing should not be allowed out of the workplace. (P272)
- Wear face protection/protective gloves/protective clothing. (P280)

Response

- IF ON SKIN: Wash with plenty of water and soap. (P302+P352)
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
- Get medical advice/attention if you feel unwell. (P314)
- If skin irritation or rash occurs: Get medical advice/attention. (P333+P313)
- If eye irritation persists: Get medical advice/attention. (P337+P313)
- Take off contaminated clothing and wash it before reuse. (P362+P364)

Storage

-

Disposal

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

Hazardous substances

- 2-hydroxyethyl methacrylate
- lauryl methacrylate
- 4-tert-butylstyrene
- styrene
- Tris(2-chloroisopropyl) phosphate

Additional labelling

- EUH066, Repeated exposure may cause skin dryness or cracking.
- EUH401, To avoid risks to human health and the environment, comply with the instructions for use.

2.3. Other hazards

Additional warnings

- This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.
- 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) 2018/605.

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-hydroxyethyl methacrylate	CAS No.: 868-77-9 EC No.: 212-782-2 UK-REACH: Index No.: 607-124-00-X	15-25%	EUH208 Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319	
4-tert-butylstyrene	CAS No.: 1746-23-2	3-5%	Skin Irrit. 2, H315	

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

	EC No.: 217-126-9 UK-REACH: Index No.:		Eye Irrit. 2, H319 STOT SE 3, H335
lauryl methacrylate	CAS No.: 142-90-5 EC No.: 205-570-6 UK-REACH: Index No.: 607-247-00-9	3-5%	STOT SE 3, H335
styrene	CAS No.: 100-42-5 EC No.: 202-851-5 UK-REACH: Index No.: 601-026-00-0	1-3%	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Acute Tox. 4, H332 Repr. 2, H361 STOT RE 1, H372
Tris(2-chloroisopropyl) phosphate	CAS No.: 13674-84-5 EC No.: 237-158-7 UK-REACH: Index No.:	1-3%	Acute Tox. 4, H302 (ATE: 1000.00 mg/kg)

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

Other information

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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

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners. If skin irritation occurs: Get medical advice/attention.

Eye contact

Upon irritation of the eye: Remove contact lenses. Flush eyes immediately with plenty of water or isotonic water (20-30°C) for at least 5 minutes and continue until irritation stops. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

Ingestion

Provide plenty of water for the person to drink and stay with him/her. 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 victim 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.
If skin irritation or rash occurs: 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

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:

Halogenated compounds

Carbon oxides (CO / CO₂)

Product may emit poisonous/corrosive fumes when burning.

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.

Hazchem Code: None

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

6.3. Methods and material for containment and cleaning up

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials 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 direct contact with the product.

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

Keep only in original packaging.

Storage temperature

Avoid static electricity, consider antistatic clothing, footwear and ppe.

Keep container earthed, risk of static build up that could cause fire or explosion.

Container's, even those that have been emptied, may contain explosive vapours.

DO NOT cut, drill, grind, weld or perform similar operations on or near containers

DO NOT store in pits basements or areas where vapours may be trapped

Ensure good ventilation and/or extraction at the workplace

Incompatible materials

Avoid static electricity, consider antistatic clothing, footwear and ppe.

Strong acids

Strong alkalines

Strong oxidizing agents

WARNING, Contact with ALKALINE solutions will remove inhibitor and render material unstable in storage.

Nitrates

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

styrene

Long term exposure limit (8 hours) (ppm): 100

Long term exposure limit (8 hours) (mg/m³): 430
 Short term exposure limit (15 minutes) (ppm): 250
 Short term exposure limit (15 minutes) (mg/m³): 1080

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-hydroxyethyl methacrylate

Duration	Route of exposure	DNEL
Long term – Systemic effects - Workers	Dermal	1.39 mg/kg bw/day
Long term – Systemic effects - Workers	Inhalation	4.9 mg/m ³

4-tert-butylstyrene

Duration	Route of exposure	DNEL
Long term – Systemic effects - Workers	Dermal	467 µg/kgbw/day
Long term – Systemic effects - Workers	Inhalation	329 µg/m ³

lauryl methacrylate

Duration	Route of exposure	DNEL
Long term – Systemic effects - Workers	Dermal	41.66 mg/kg bw/day

styrene

Duration	Route of exposure	DNEL
Long term – Systemic effects - Workers	Dermal	406 mg/kg bw/day
Long term – Local effects - Workers	Inhalation	100 mg/m ³
Long term – Systemic effects - Workers	Inhalation	85 mg/m ³
Short term – Local effects - Workers	Inhalation	100 mg/m ³
Short term – Systemic effects - Workers	Inhalation	100 mg/m ³

Tris(2-chloroisopropyl) phosphate

Duration	Route of exposure	DNEL
Long term – Systemic effects - Workers	Dermal	2.08 mg/kg bw/day
Short term – Systemic effects - Workers	Dermal	2.08 mg/kg bw/day
Long term – Systemic effects - Workers	Inhalation	5.82 mg/m ³
Short term – Systemic effects - Workers	Inhalation	5.82 mg/m ³

PNEC

2-hydroxyethyl methacrylate

Route of exposure	Duration of Exposure	PNEC
Freshwater		482 µg/L
Freshwater sediment		3.79 mg/kg
Intermittent release (freshwater)		1 mg/L
Marine water		48.2 µg/L
Marine water sediment		3.79 mg/kg
Sewage treatment plant		10 mg/L
Soil		476 µg/kg

4-tert-butylstyrene

Route of exposure	Duration of Exposure	PNEC
Freshwater		3 µg/L
Freshwater sediment		12 µg/kg
Marine water		300 ng/L
Marine water sediment		1.2 µg/kg
Sewage treatment plant		10.7 µg/L

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

Soil		630 ng/kg
styrene		
Route of exposure	Duration of Exposure	PNEC
Freshwater		28-40 µg/L
Freshwater sediment		418-614 µg/kg
Intermittent release (freshwater)		40 µg/L
Marine water		14-40 µg/L
Marine water sediment		307-418 µg/kg
Sewage treatment plant		5 mg/L
Soil		146-200 µg/kg
Tris(2-chloroisopropyl) phosphate		
Route of exposure	Duration of Exposure	PNEC
Freshwater		420-640 µg/L
Freshwater sediment		2.92-2.96 mg/kg
Intermittent release (freshwater)		510 µg/L
Marine water		64-420 µg/L
Marine water sediment		290-2960 µg/kg
Predators		11600 g/kg
Sewage treatment plant		7.84 mg/L
Soil		1.33-1.7 mg/kg

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 emergency eyewash and -showers are clearly marked.

Employees working with confirmed human carcinogens should be provided with, and required to wear, clean, full body protective clothing (smocks, coveralls, or long sleeve shirts and trousers), shoe covers and gloves prior to entering regulated areas.

Employees engaged in handling operations involving carcinogens should be provided with, and required to wear and use half-face filter-type respirators for dust, mists and fumes, or air purifying canisters or cartridges. A respirator affording higher levels of protection may be substituted.

Hygiene measures

Take off contaminated clothing and wash it before reuse.

Contaminated leather items such as shoes, boots, belts and watch bands should be removed and destroyed.

Measures to avoid environmental exposure

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

8.3. Individual protection measures, such as personal protective equipment

Generally

Use only UKCA marked protective equipment.



Respiratory Equipment

Work situation	Type	Class	Colour	Standards
The wearer must be warned to leave the contaminated area immediately on detecting any odours through the respirator.	Suitable respiratory protection advice for the correct personal selection can be obtained from EN529:2005			



Work situation	Type	Class	Colour	Standards
The odour may indicate that the mask is not functioning properly, that the vapour concentration is too high, or that the mask is not properly fitted. Because of these limitations, only restricted use of a cartridge respirator is considered appropriate.				


Skin protection

Work situation	Recommended	Type/Category	Standards	
DO NOT allow clothing wet with material to stay in contact with skin.	Dedicated work clothing should be worn. Wear a protective suit in the event of prolonged periods of work with the product.	-	-	
Discard items which cannot be decontaminated, including leather shoes, boots, belts, watch straps, gloves etc.	Contaminated garments should be removed promptly and should not be reused until they have been decontaminated, DO NOT allow garments to be decontaminated/cleaned in household laundry			
Contaminated workwear MUST NOT leave site or be washed in household laundry	Store protective clothing separately from other clothing, DO NOT wash in normal laundry			

Hand protection

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Consider the following when selecting work gloves, material, compatibility, degradation, failure time, permeability. The gloves resistance to chemicals should be checked prior to use, wear time depends on duration and type of use.	Vinyl/PVC 0.65 mm Breakthrough time: > 480 min Std: EN374-3, EN388, EN511	-	> 480	EN374-3, EN388, EN511	

Eye protection

Work situation	Type	Standards	
Ensure goggles are a suitably tight fit	Face shield alternatively 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

Various colours

Odour / Odour threshold

Testing not relevant or not possible due to the nature of the product.

- pH
No data available
- Density (g/cm³)
1.42
- Kinematic viscosity
1600 centistokes
- Particle characteristics
Not applicable - product is a liquid
- Phase changes
 - Melting point/Freezing point (°C)
No data available
 - Softening point/range (waxes and pastes) (°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)
67
 - Ignition (°C)
No data available
 - Auto flammability (°C)
No data available
 - Lower and upper explosion limit (% v/v)
No data available
- Solubility
 - Solubility in water
Immiscible
 - n-octanol/water coefficient
No data available
 - Solubility in fat (g/L)
No data available
- 9.2. Other information
 - Evaporation rate (n-butylacetate = 100)
No data available
 - Other physical and chemical parameters
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
Avoid static electricity, consider antistatic clothing, footwear and ppe.
Strong acids
Strong alkalines
Strong oxidizing agents
WARNING, Contact with ALKALINE solutions will remove inhibitor and render material unstable in storage.
Nitrates
- 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

Acute toxicity

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

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory sensitisation

Central nervous system (CNS) depression may include general discomfort, symptoms of giddiness, headache, dizziness, nausea, anaesthetic effects, slowed reaction times, slurred speech and may progress to unconsciousness. Serious poisonings may result in respiratory depression and may be fatal.

Inhalation of vapours may cause drowsiness and dizziness, this may be accompanied by sleepiness, reduced alertness, loss of reflexes, lack of co-ordination and vertigo.

The material can cause respiratory irritation in some persons. The body's response to such irritation can cause further lung damage.

Skin sensitisation

May cause an allergic skin reaction.

Entry into the blood-stream through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.

Open cuts, abraded or irritated skin should not be exposed to this material.

The material may accentuate any pre-existing dermatitis condition.

This material can cause inflammation of the skin on contact in some persons.

Germ cell mutagenicity

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

Carcinogenicity

There is ample evidence that this material can be regarded as being able to cause cancer in humans based on experiments and other information.

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

Long term exposure to respiratory irritants may result in airways disease, involving difficulty in breathing and related whole-body problems.

Asthma like symptoms may continue for months or even years after exposure to the material ends. This may be due to a non-allergic condition known as reactive airways dysfunction syndrome (RADS) which can occur after exposure to high levels of highly irritating compound. Main criteria for diagnosing RADS include the absence of previous airways disease in a non-atopic individual, with a sudden onset of persistent asthma like symptoms within minutes or hours of a documented exposure to the irritant.

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.

The substances in this product can be absorbed to various organs, particularly the liver and kidney but also the brain.

Endocrine disrupting properties

None known.

Other information

There is a danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed, the material can cause serious damage to workers if exposed to it for long periods.

styrene has been classified by IARC as a group 2A carcinogen.

SECTION 12: Ecological information

12.1. Toxicity

No data available.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Endocrine disrupting properties

None known.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

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.

DO NOT allow wash water from cleaning or process equipment to enter drains.

EWC code

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

Specific labelling

Not applicable.

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	Item not subject to ADR/RID/IMDG /IATA Regulations.	-		-	No	See below for additional information.
IMDG	Item not subject to ADR/RID/IMDG /IATA Regulations.	-		-	No	See below for additional information.
IATA	Item not subject to ADR/RID/IMDG /IATA Regulations.	-		-	No	See below for additional information.

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to ADR, IATA and IMDG.

Hazchem Code: None

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.
People under the age of 18 shall not be exposed to this product.
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 Management of Health and Safety at Work Regulations 1999.
The Health and Safety at Work etc. Act 1974 Regulations 2013.
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

H208, Contains {0}. May produce an allergic reaction.
H226, Flammable liquid and vapour.
H302, Harmful if swallowed.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H332, Harmful if inhaled.
H335, May cause respiratory irritation.
H361, Suspected of damaging fertility or the unborn child.
H372, Causes damage to organs through prolonged or repeated exposure.

The full text of identified uses as mentioned in section 1

SU 19 = Building and construction work
PC9a = Coatings and Paints, Fillers, Putties, Thinners

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
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
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
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

Steven D'Silva Quality Manager

Other

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