# Degreaser Trigger Portfolio



PVA Hygiene provides an innovative and sustainable method of cleaning. As the UK's leading manufacturer of water-soluble cleaning products, we cover all areas of commercial cleaning. Over 24 years, we have developed a system using pre-dosed sachets that is straightforward to implement and balances environment diligence with commercial demands. Based in the South West of England, we distribute globally.



This portfolio contains documents relating to PVA Hygiene's DEGREASER TRIGGER.

This unique formulation is contained within a PVOH or paper film that dissolves at the point of use. The sachets are dry, compact and light, they reduce storage space and transportation costs, and heavily reduce the environmental implications often associated with delivering cleaning supplies. The sachets are packed in planet friendly packaging, that can either be composted or recycled, helping you to eliminate single-use plastic from your current cleaning procedure.



#### CONTENTS:

- 1) Technical Data Sheet.
- 2) Use Solution Health and Safety Summary.
- 3) Product Safety Data Sheet.



















#### **PRODUCT DESCRIPTION**

Degreaser is based on PVA Hygiene's unique CCS3 technology. Sachets contain an unperfumed blend of carbonates, together with biodegradable chelates and surfactants. The product is designed to remove greasy food-based soiling from hard surfaces. It is safe for use on food contact surfaces.

Sachets are supplied in the following Pack Sizes:-

Pack Size	Sachet Type	Order Code	Outer packaging
20 * 9g	PVA-OH	A4:100	Pouch
20 * 9g	PVA-OH	B3:20	Pouch
20 * 9g	Paper	PA4:60	Pouch
20 *9g	Paper	PB3:20	Pouch
100 * 13g	PVA-OH	X4:100	Box
20 * 9g	PVA-OH	Z3:20	Box

- Supplied in convenient water soluble PVA-OH and Paper sachets within a compostable container.
- Phosphate Free.
- Identifiable Colour.

#### **INSTRUCTIONS FOR USE**

For general cleaning, remove any gross debris from the surface, place one sachet into the empty trigger spray bottle and fill with water to the 750ml mark. Replace the trigger head and shake until the sachet has dissolved (note warm water will aid the rate of dissolution but is not essential). Spray the solution onto the surface and wipe clean.

Degreaser may also be used to make up a soak solution for removal of stubborn stains or grease build up; warm water is preferred for this application.

Pouring approximately 200ml of Degreaser into Kitchen sinks at the end of the day and allowing to soak overnight will help reduce the build up of fats and grease in the drain trap.

## **TECHNICAL DATA SUMMARY**

Appearance	Yellow Powder
Odour	Non distinct (Perfume free)
Foam	Medium
pH of use solution	10.5 – 11.5
Storage Temperature Range	0°C to +40°C
Shelf Life of Sachet	Minimum of 2 years under normal conditions of dry storage.

## **EMERGENCY DETAILS**

For accident, emergency and health & safety information refer to the Safety Data Sheet for this product.

This product is registered with the UK National Poisons Information Service.

Office Hours Emergency Number +44 (0) 1934 862859

Outside Office Hours: - +44 (0)7967 149256 (This is for health, safety and environmental emergencies only, it is not for general enquires or ordering).

# **DISCLAIMER**

Whilst every effort is made to ensure that the information given in this product information sheet is accurate it is given without guarantee, since the conditions of use are beyond our control.



# **DEGREASER SACHET USE SOLUTION HEATH AND SAFETY SUMMARY**

Issue Date 20/05/2023 Version 1.0

IDENTIFICATION OF THE MATERIAL		
Product Name	Degreaser use solution	
Main Use	Food Surface/Kitchen Degreaser	
<b>Uses Advised Against</b>	Not for Direct Oral Consumption	
	Keep Out of Reach of Children	
	Do Not Mix with other Chemicals/Detergents.	
Manufacturer	PVA Hygiene, Unit 6 Havyat Business Park	
	Havyat Road, Bristol, BS40 5PA	
Telephone	+44 (0) 1934 862859	

PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	Liquid
Colour	Yellow
pH ALKALINE	>11

CLASSIFICATION, P	PPE, FIRST AID AND DISPOSAL	
Health	In use solutions of this product have no Health Classifications	
Physical	In use solutions of this product have no Physical Classifications	
Environmental	In use solutions of this product have no Environmental Classifications	
PPE	No PPE is mandated for this product at use strength. However, we	
	suggest gloves for general hygiene, and because of the high pH, eye	
	protection if a risk assessment indicates splashing to eyes is possible.	
First Aid	EYES:-	
	May cause reddening, discomfort and blurred vision	
	Rinse with Plenty of Water.	
	SKIN:-	
	Repeated extended contact may result in skin dryness.	
	Use a suitable re-moisturising cream and get medical attention if	
	symptoms persist.	
	INHALATION:-	
	Unlikely.	
	INGESTION:-	
	A soapy taste may be reported, together with irritation to mouth	
	and GI Tract rinse mouth thoroughly.	
	If concerned seek medical advice	
	Show the label or Safety Data sheet to the Physician.	
Disposal	Solutions can be disposed to normal sewers and septic tanks.	

PVA Hygiene, Unit 6, Havyat Road Business Park, Havyat Road, Bristol, BS40 5PA. Tel: +44 (0) 1934 862859 Email: sales@pva-hygiene.co.uk



# Safety Data Sheet

According to GB and EU REACH and CLP Regulations Issue date: 07/02/2023 Revision date: 07/02/2023 Supersedes version of: 28/10/2021 Version: 3.0

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

#### 1.1. Product identifier

Product name : DEGREASER

UFI : DAR4-U2Q3-6K5E-M2MY

Product code : X4:20, A4:100, B3:20, PA4:60, PB3:100, X4:100, Z3:100, PB3:20, CCS3

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

#### 1.2.1. Relevant identified uses

Main use category : Professional use, Consumer uses

Use of the substance/mixture : Detergent

Degreaser

1.2.2. Uses advised against

Restrictions on use : Not for Oral Consumption, Not for Direct Application to Food Stuffs

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

#### Manufacturer

**PVA HYGIENE** 

UNIT 6 Havyat Business Park Havyat Road

BS40 5PA Bristol – United Kingdom

T +44 (0)1934 862 859 sales@pva-hygiene.co.uk

#### 1.4. Emergency telephone number

Emergency number : 01934 862859 (Office Hours). For Immediate first aid advice in the UK call 111

This product is registered with NPIS in the UK.

## **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP] and GB CLP Regulations

Skin corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category 1 H318

Full text of H- and EUH-statements: see section 16

#### Adverse physicochemical, human health and environmental effects

No additional information available

# 2.2. Label elements

# Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Dange

Contains : REACTION PRODUCT OF BENZENE SULPHONIC ACID, C10-C14 SEC ALKYL DERIVS

and BENZENE SULPHONIC ACID 4 METHYL AND SODIUM HYDROXIDE

Hazard statements (CLP) : H315 - Causes skin irritation.

H318 - Causes serious eye damage.P102 - Keep out of reach of children.

Precautionary statements (CLP)

: P102 - Keep out of reach of children.

P264 - Wash skin thoroughly after handling.

P280 - Wear eye protection, protective gloves.

P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

07/02/2023 (Revision date) GB - en 1/10

# Safety Data Sheet

According to GB and EU REACH and CLP Regulations

P302+P352 - IF ON SKIN: Wash with plenty of water.

 ${\tt P305+P351+P338-IF\ IN\ EYES:\ Rinse\ cautiously\ with\ water\ for\ several\ minutes.\ Remove}$ 

: To the best of our knowledge this product contains no Endocrine disrupting substances.

contact lenses, if present and easy to do. Continue rinsing.

P308+P313 - IF exposed or concerned: Get medical advice/attention.

P402 - Store in a dry place.

P501 - Dispose of contents and container to National Regulations.

# 2.3. Other hazards

This product does not contain any substances classifed as PBT

This product does not contain any substances clasified as vPvB.

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

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

#### 3.1. Substances

Other information

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP] and GB CLP Regulations
sodium carbonate	CAS-No.: 497-19-8 EC-No.: 207-838-8 EC Index-No.: 011-005-00-2 REACH-no: 01-2119485498-	≥ 70	Eye Irrit. 2, H319
REACTION PRODUCT OF BENZENE SULPHONIC ACID, C10-C14 SEC ALKYL DERIVS and BENZENE SULPHONIC ACID 4 METHYL AND SODIUM HYDROXIDE	EC-No.: 932-051-8	≥ 8 – < 15	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
β-Alanine, N-(2-carboxyethyl)-,N-coco alykyl derivs.,Disodium Salt	CAS-No.: 90170-43-7 EC-No.: 290-476-8 REACH-no: 01-2119976233- 35	≥ 3 – < 5	Eye Irrit. 2, H319

Full text of H- and EUH-statements: see section 16

# **SECTION 4: First aid measures**

## 4.1. Description of first aid measures

First-aid measures general

: If medical advice is needed, have product container or label at hand. For immediate First Aid advice in the UK, dial 111. When it is safe to do so, remove the victim immediately from the source of exposure. However, consideration should be given as to whether moving the victim will cause further injury.

First-aid measures after inhalation

: Remove person to fresh air and keep comfortable for breathing. If unconscious place in recovery position and seek medical advice.

First-aid measures after skin contact

: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact

: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention. If unconscious place in recovery position and seek medical advice.

07/02/2023 (Revision date) GB - en 2/10

# Safety Data Sheet

According to GB and EU REACH and CLP Regulations

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

Symptoms/effects

: Neat product can cause eye damage and skin irritation. Diluted product is unclassified, but eye contact should be treated as above.

Symptoms/effects after inhalation

Unlikely route of exposure, but inhalation of dilute solution droplets may result in a sore

throat.

: Irritating to skin.

Symptoms/effects after skin contact

Symptoms/effects after eye contact

Symptoms/effects after ingestion

Causes serious eye burns.

Unlikely route of exposure without deliberate abuse. If sachets are swallowed they may swell and could block the throat and GI tract. If Powder is ingested, irritation and burning to the mouth and GI tract may occur, a soapy taste may be reported. Ingestion of diluted solution is unlikely to cause long term harm, but a soapy taste may be reported together with mild irritation to the lips, throat and GI tract.

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

Rinse with plenty of water. Check for abrasion to the surface of the eye from powder particles.

# **SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing agent suitable for surrounding fire.

Unsuitable extinguishing media

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

Fire hazard : The product is not flammable.

Hazardous decomposition products in case of fire : On heating, irritating fumes may be produced.

## 5.3. Advice for firefighters

Protection during firefighting

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

#### **SECTION 6: Accidental release measures**

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

#### 6.1.1. For non-emergency personnel

Emergency procedures

: Ventilate spillage area. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment

: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

# 6.2. Environmental precautions

Normal use solutions can be disposed to sewers and septic tanks. Large scale spillages or uncontrolled discharges into water systems must be reported to the relevant Environment Agency.

# 6.3. Methods and material for containment and cleaning up

Methods for cleaning up

: Collect and place spillage in suitable containers. Seal the containers and apply labelling to identify the material and hazards. For disposal see section 13 of this SDS. Dispose of via an authorised person/licensed waste disposal contractor or by other suitable waste treatment techniques.

#### 6.4. Reference to other sections

For further information refer to section 13. See sections 2,8,12,13 &14.

# Safety Data Sheet

According to GB and EU REACH and CLP Regulations

# **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Precautions for safe handling : Carefully comply with the instructions for use. Avoid contact with eyes.

Hygiene measures : Always wash hands after handling the product.

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

Storage conditions : Store in a dry place. Store in a closed container.

#### 7.3. Specific end use(s)

Degreaser. Follow product use instructions and where appropriate consult equipment manufacturers cleaning manuals.

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

#### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

#### **DEGREASER**

**United Kingdom - Occupational Exposure Limits** 

Remark No exposure limits known for ingredients.

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

# 8.2.1. Appropriate engineering controls

## Appropriate engineering controls:

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Gloves. Safety glasses.

#### Personal protective equipment symbol(s):





# 8.2.2.1. Eye and face protection

#### Eye protection:

Safety glasses. In normal use eye protection is not required. During manufacture and packing operations, eye protection is recommended. Refer to EN166 to select appropriate level of protection.

#### 8.2.2.2. Skin protection

#### Hand protection:

During normal use gloves are not required. During manufacture and packing operations, the use of gloves with a breakthrough time >60 minutes is recommended. Refer to EN374 to select appropriate level of protection. Rubber and PVC gloves are recommended. NOTE:- Use of gloves is a good general hygiene practice.

# Safety Data Sheet

According to GB and EU REACH and CLP Regulations

#### 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Note:- This would be very unusual in normal use.

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

# **Environmental exposure controls:**

Avoid release to the environment.

#### Other information:

The PPE indicated in this SDS is not a COSHH assessment. It represents the PPE that should be considered for the neat product at all stages of the products life cycle, including manufacture, packing, distribution, use and disposal. Use solutions are unclassified, but for these we recommend use of gloves as minimum PPE.

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

# 9.1. Information on basic physical and chemical properties

Physical state : Solid Appearance Powder. Colour Yellow Odour odourless. Odour threshold No data available На 10.5 - 11.5 @ 1% Relative evaporation rate (butylacetate=1) : Not applicable. Melting point : Not applicable : Not applicable Freezing point **Boiling point** : Not applicable Flash point : Not applicable Auto-ignition temperature Not applicable Decomposition temperature Not applicable Flammability (solid, gas) Non flammable. Not applicable Vapour pressure Relative vapour density at 20°C Not applicable

Relative density : 0.7 – 0.9 Not applicable
Solubility : Completely soluble in water.

Partition coefficient n-octanol/water (Log Pow)

Viscosity, kinematic

Viscosity, dynamic

Explosive properties

Oxidising properties

: No data available

: No data available

: Product is not explosive.

: Not oxidising.

Oxidising properties : Not oxidising. Explosive limits : Not applicable

#### 9.2. Other information

VOC content : Contains no VOC material.

# **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions.

# 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

# Safety Data Sheet

According to GB and EU REACH and CLP Regulations

#### 10.4. Conditions to avoid

Store away from moisture in a closed container. Protect from sunlight.

## 10.5. Incompatible materials

Strong acids. Oxidizing agent. Do not mix with Bleach or products containing Sodium Hypochlorite, this could result in dangerous heating of the solution.

#### 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 toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

## β-Alanine, N-(2-carboxyethyl)-,N-coco alykyl derivs.,Disodium Salt (90170-43-7)

LD50 oral rat ≈ 2000 mg/kg

# REACTION PRODUCT OF BENZENE SULPHONIC ACID, C10-C14 SEC ALKYL DERIVS and BENZENE SULPHONIC ACID 4 METHYL AND SODIUM HYDROXIDE

LD50 oral rat	≥ 3346 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.1175 (Acute Oral Toxicity), 95% CL: 3196 - 3503
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:

Skin corrosion/irritation : Causes skin irritation.

pH: 10.5 – 11.5 @ 1%

Serious eye damage/irritation : Causes serious eye damage.

pH: 10.5 - 11.5 @ 1%

Respiratory or skin sensitisation : Not classified Germ cell mutagenicity : Not classified

Serifice indiagenicity . Not classified

Carcinogenicity : This mixture is not classified as a carcinogen.

Reproductive toxicity : This mixture has no reproductive/foetal harm classifications and is not expected to be a risk

to expectant mothers.

STOT-single exposure : Not classified STOT-repeated exposure : Not classified Aspiration hazard : Not classified

#### **DEGREASER**

Viscosity, kinematic Not applicable

# sodium carbonate (497-19-8)

Viscosity, kinematic Not applicable

# REACTION PRODUCT OF BENZENE SULPHONIC ACID, C10-C14 SEC ALKYL DERIVS and BENZENE SULPHONIC ACID 4 METHYL AND SODIUM HYDROXIDE

Viscosity, kinematic Not applicable

# **SECTION 12: Ecological information**

#### 12.1. Toxicity

Ecology - general : Normal use solutions of this product are not classified for environmental harm.

07/02/2023 (Revision date) GB - en 6/10

# Safety Data Sheet

According to GB and EU REACH and CLP Regulations

Hazardous to the aquatic environment, short-term

(acute)

Hazardous to the aquatic environment, long-term

: Not classified

: Not classified

(chronic)

Not rapidly degradable

REACTION PRODUCT OF BENZENE SULPHONIC ACID, C10-C14 SEC ALKYL DERIVS and BENZENE SULPHONIC ACID METHYL AND SODIUM HYDROXIDE	
EC50 - Crustacea [1]	8.8 mg/l Test organisms (species): Daphnia magna

EC50 - Crustacea [1]	8.8 mg/l Test organisms (species): Daphnia magna	
EC50 72h - Algae [1]	25 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)	
EC50 72h - Algae [2]	72 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)	
NOEC (chronic)	1.18 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
NOEC chronic fish	0.23 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '72 d'	

# 12.2. Persistence and degradability

DEGREASER	
Persistence and degradability	The Surfactants and Chelants used in this mixture are Biodegradable.

# 12.3. Bioaccumulative potential

DEGREASER	
Bioaccumulative potential	Not expected to Bioaccumulate.

# 12.4. Mobility in soil

DEGREASER	
Additional information	soluble in water

# 12.5. Results of PBT and vPvB assessment

## **DEGREASER**

This product does not contain any substances classifed as PBT

This product does not contain any substances clasified as vPvB.

## 12.6. Other adverse effects

No additional information available

# **SECTION 13: Disposal considerations**

# 13.1. Waste treatment methods

: Disposal of this product must comply with local and national environmental legislation. Waste treatment methods

Sewage disposal recommendations : Small volumes of use solution can be disposed of to sewage drains.

# **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA / ADN / RID

# Safety Data Sheet

According to GB and EU REACH and CLP Regulations

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shippin	g name			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard o	class(es)			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental haz	ards			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary informatio	n available			

# 14.6. Special precautions for user

#### **Overland transport**

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

# Inland waterway transport

Not applicable

# Rail transport

Not applicable

# 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

# **SECTION 15: Regulatory information**

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

# 15.1.1. EU-Regulations

# **REACH Annex XVII (Restriction List)**

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

#### **REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

# **REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

#### **PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

#### **POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

# Safety Data Sheet

According to GB and EU REACH and CLP Regulations

#### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

#### **VOC Directive (2004/42)**

VOC content : Contains no VOC material.

# **Explosives Precursors Regulation (2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### **Drug Precursors Regulation (273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

GB REACH and CLP regulations.

UK HSE EH40 Publication.

# 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

# **SECTION 16: Other information**

#### Indication of changes:

Inclusion of EU UFI code and additional comments in section 7.

Abbreviations and acronyms:			
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways		
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road		
ATE	Acute Toxicity Estimate		
BCF	Bioconcentration factor		
BLV	Biological limit value		
BOD	Biochemical oxygen demand (BOD)		
COD	Chemical oxygen demand (COD)		
DMEL	Derived Minimal Effect level		
DNEL	Derived-No Effect Level		
EC-No.	European Community number		
EC50	Median effective concentration		
EN	European Standard		
IARC	International Agency for Research on Cancer		
IATA	International Air Transport Association		
IMDG	International Maritime Dangerous Goods		
LC50	Median lethal concentration		
LD50	Median lethal dose		
LOAEL	Lowest Observed Adverse Effect Level		
NOAEC	No-Observed Adverse Effect Concentration		
NOAEL	No-Observed Adverse Effect Level		
NOEC	No-Observed Effect Concentration		
OECD	Organisation for Economic Co-operation and Development		

# Safety Data Sheet

According to GB and EU REACH and CLP Regulations

Abbreviations and acronyms:		
OEL	Occupational Exposure Limit	
PBT	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	
ThOD	Theoretical oxygen demand (ThOD)	
TLM	Median Tolerance Limit	
VOC	Volatile Organic Compounds	
CAS-No.	Chemical Abstract Service number	
N.O.S.	Not Otherwise Specified	
vPvB	Very Persistent and Very Bioaccumulative	
ED	Endocrine disrupting properties	

Full text of H- and EUH-statements:		
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
H315	Causes skin irritation.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
H412	Harmful to aquatic life with long lasting effects.	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.