

# Aqua Multi Purpose Hard Surface Detergent 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 AQUA MULTI PURPOSE.

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

Aqua Multi Purpose Hard Surface Detergent is a multipurpose surface detergent suitable for floors, worktops, shelves etc. The water soluble sachets allow for convenient and safe dosing and assist with stock control. Sachets contain a blend of environmentally friendly chelates, together with alkaline builders and biodegradable surfactants.

Sachets are supplied in the following Pack Sizes:-

Pack Size	Sachet Type	Order Code	Outer Packaging
100 * 10g	PVA-OH	X3:100	Box
150 * 6g	PVA-OH	X3:150	Box
100 * 10g	PVA-OH	A3:100	Pouch
150 * 6g	PVA-OH	A3:150	Pouch
60 * 10g	Paper	PA3:60	Pouch
100 * 6g	Paper	PA3:100	Pouch

- Supplied in a convenient PVA-OH or Paper water soluble sachet within a compostable container.
- Phosphate Free.
- EDTA Free.
- Identifiable Colour.

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## INSTRUCTIONS FOR USE

For general cleaning, remove any gross debris from the surface, place one sachet into an empty bucket and then fill with approximately 5ltr (half bucket) of clean water for a 6g sachet and approximately 10ltr of clean water for a 10g sachet. Agitate the bucket to ensure the sachet fully dissolves. Mop the area to be cleaned, remembering to regularly refresh the solution on the mop head with clean liquid. Once the area has been cleaned, remove excess liquid by dry mopping and allow to air dry. For heavy soiling two sachets may be required.


Consider using appropriate signage to identify that cleaning is in progress and floors may be wet.

This product can also be used in scrubber drier machines.

Care should be taken on unsealed wood. This product is not suitable for Perspex and Acrylic plastic and care should be taken of decorative print finishes.

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**TECHNICAL DATA SUMMARY**

Appearance	Pale Blue /Powder
Odour	Fresh
Foam	Low
pH of use solution 	9.5 -10.5
Storage Temperature Range	0°C to +40°C
Shelf Life of Sachet	Minimum of 2 years under normal conditions of dry storage.

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**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).

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**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.

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

<b>PHYSICAL AND CHEMICAL PROPERTIES</b>	
<b>Appearance</b>	Liquid
<b>Colour</b>	Blue
<b>pH</b>	>11



<b>CLASSIFICATION, PPE, FIRST AID AND DISPOSAL</b>	
<b>Health</b>	In use solutions of this product have no Health Classifications
<b>Physical</b>	In use solutions of this product have no Physical Classifications
<b>Environmental</b>	In use solutions of this product have no Environmental Classifications
<b>PPE</b>	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.
<b>First Aid</b>	<p><b>EYES:-</b> May cause reddening, discomfort and blurred vision Rinse with Plenty of Water.</p> <p><b>SKIN:-</b> Repeated extended contact may result in skin dryness. Use a suitable re-moisturising cream and get medical attention if symptoms persist.</p> <p><b>INHALATION:-</b> Unlikely.</p> <p><b>INGESTION:-</b> 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.</p>
<b>Disposal</b>	Solutions can be disposed to normal sewers and septic tanks.

# AQUA MULTI PURPOSE HARD SURFACE DETERGENT

## Safety Data Sheet

According to GB and EU REACH and CLP Regulations  
Issue date: 24/01/2023 Revision date: 24/01/2023 Supersedes version of: 25/11/2021 Version: 3.0

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

#### 1.1. Product identifier

Product name : AQUA MULTI PURPOSE HARD SURFACE DETERGENT  
UFI : EMM9-9S7A-3NOH-SYX8 ((UFI for EU use only))  
Product code : X3:100, X3:150, A3:20, A3:30, A3:100, A3:150, PA3:100, PA3:60, PA3:20, CCS1

#### 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 use  
Use of the substance/mixture : DETERGENT

##### 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](mailto: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 2 H319  
Full text of H- and EUH-statements: see section 16

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

NOTE:- In Use Solutions of this Product are NOT CLASSIFIED.

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning  
Hazard statements (CLP) : H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
Precautionary statements (CLP) : P102 - Keep out of reach of children.  
P264 - Wash skin thoroughly after handling.  
P280 - Wear eye protection.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

# AQUA MULTI PURPOSE HARD SURFACE DETERGENT

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According to GB and EU REACH and CLP Regulations

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 classified as PBT  
This product does not contain any substances classified as vPvB.  
Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

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: 01-2119485498-19	$\geq 30 - < 50$	Eye Irrit. 2, H319
$\beta$ -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	$\geq 20 - < 30$	Eye Irrit. 2, H319
sulphamic acid; sulphamic acid; sulfamic acid	CAS-No.: 5329-14-6 EC-No.: 226-218-8 EC Index-No.: 016-026-00-0	$\geq 20 - < 30$	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Aquatic Chronic 3, H412
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	$\geq 2 - < 3$	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Sodium Hydroxide	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6	$\geq 0.5 - < 1.5$	Skin Corr. 1A, H314

### Specific concentration limits:

Name	Product identifier	Specific concentration limits
Sodium Hydroxide	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6	( $0.5 \leq C < 2$ ) Skin Irrit. 2, H315 ( $0.5 \leq C < 2$ ) Eye Irrit. 2, H319 ( $2 \leq C < 5$ ) Skin Corr. 1B, H314 ( $5 \leq C \leq 100$ ) Skin Corr. 1A, H314

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

# AQUA MULTI PURPOSE HARD SURFACE DETERGENT

## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

### 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	: Unlikely without deliberate abuse. Move the affected person to the fresh air. 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 the recovery position and seek medical advice.

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

Symptoms/effects	: Neat product will cause irritation to eyes. Dilute solutions are unclassified, but may cause transient irritation. 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.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Eye irritation.
Symptoms/effects after ingestion	: Unlikely route of exposure without deliberate abuse. If sachets are swallowed they may swell and could block the throat and GI tract. Irritation to the mouth and GI tract could 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.

#### 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	: Water.

#### 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.
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### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

Protective equipment	: Wear protective clothing as described in section 8 of this SDS.
Emergency procedures	: Avoid contact with skin and eyes. Ventilate spillage area.

##### 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".
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# AQUA MULTI PURPOSE HARD SURFACE DETERGENT

## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

### 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.  
Other information : 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.

## 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

Technical measures : It is essential that sachets are stored in original packaging in a dry non humid area.  
Storage conditions : Store in a dry place. Store in a closed container.

### 7.3. Specific end use(s)

This product is suitable for use for cleaning hard surfaces such as floors and walls. It is compatible with common materials of construction, but contact with unsealed wood and Perspex type plastics should be avoided. Although normal use solutions are unclassified, use of eye, hand and foot protection is recommended.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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

AQUA MULTI PURPOSE HARD SURFACE DETERGENT	
United Kingdom - Occupational Exposure Limits	
Remark	Note general inhalable dust WEL of 10mg/m <sup>3</sup> (TWA) and respirable dust WEL of 4mg/m <sup>3</sup> .
Sodium Hydroxide (1310-73-2)	
United Kingdom - Occupational Exposure Limits	
Local name	Sodium hydroxide
WEL TWA (OEL TWA) [1]	≤ 2 mg/m <sup>3</sup>
WEL STEL (OEL STEL)	2 mg/m <sup>3</sup>
Regulatory reference	UK (HSE EH40/2005 (Fourth edition, 2020) Publication

#### 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

# AQUA MULTI PURPOSE HARD SURFACE DETERGENT

## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

### 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.

#### 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 large scale release of undiluted material 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	: Blue.
Odour	: Fresh.
Odour threshold	: No data available
pH	: 9.5 – 10.5 @ 1%v/v
Relative evaporation rate (butylacetate=1)	: Not applicable.
Melting point	: Not applicable
Freezing point	: Not applicable
Boiling point	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not applicable

# AQUA MULTI PURPOSE HARD SURFACE DETERGENT

## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

Flammability (solid, gas)	: Not Flammable
Vapour pressure	: Not applicable
Relative vapour density at 20°C	: Not applicable
Relative density	: Not applicable
Density	: 0.6 – 0.8 g/cm <sup>3</sup>
Solubility	: Completely soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosive properties	: Product is not explosive.
Oxidising properties	: Not oxidising.
Explosive limits	: Not applicable

### 9.2. Other information

VOC content	: Contains no VOCs
Volatility	: Non Volatile

## 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. Do not mix with other chemicals.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Store away from moisture in a closed container.

### 10.5. Incompatible materials

Strong acids. Oxidising agents. 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
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#### **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:

# AQUA MULTI PURPOSE HARD SURFACE DETERGENT

## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

Skin corrosion/irritation	: Causes skin irritation. pH: 9.5 – 10.5 @ 1%v/v
Serious eye damage/irritation	: Causes serious eye irritation. pH: 9.5 – 10.5 @ 1%v/v
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: 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

### AQUA MULTI PURPOSE HARD SURFACE DETERGENT

Viscosity, kinematic	Not applicable
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### sodium carbonate (497-19-8)

Viscosity, kinematic	Not applicable
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### REACTION PRODUCT OF BENZENE SULPHONIC ACID, C10-C14 SEC ALKYL DERIVS and BENZENE SULPHONIC ACID 4 METHYL AND SODIUM HYDROXIDE

Viscosity, kinematic	Not applicable
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## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: Normal use solutions of this product are not classified for environmental harm.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified.
Not rapidly degradable	

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

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

#### AQUA MULTI PURPOSE HARD SURFACE DETERGENT

Persistence and degradability	The Surfactants and Chelants used in this mixture are Biodegradable.
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### 12.3. Bioaccumulative potential

#### AQUA MULTI PURPOSE HARD SURFACE DETERGENT

Bioaccumulative potential	Not expected to Bioaccumulate.
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# AQUA MULTI PURPOSE HARD SURFACE DETERGENT

## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

### 12.4. Mobility in soil

#### AQUA MULTI PURPOSE HARD SURFACE DETERGENT

Additional information soluble in water

### 12.5. Results of PBT and vPvB assessment

#### AQUA MULTI PURPOSE HARD SURFACE DETERGENT

This product does not contain any substances classified as PBT

This product does not contain any substances classified as vPvB.

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

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

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information 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

# AQUA MULTI PURPOSE HARD SURFACE DETERGENT

## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

### 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)

##### 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 VOCs

##### 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

# AQUA MULTI PURPOSE HARD SURFACE DETERGENT

## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

Abbreviations and acronyms:	
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
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
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

# AQUA MULTI PURPOSE HARD SURFACE DETERGENT

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.  
Issue date: 17/12/2024 Supersedes: 11/10/2024 Version: 6.0

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : AQUA MULTI PURPOSE HARD SURFACE DETERGENT  
Product code : AQM-6G-SA-FM, AQM-6G-SA-PP, AQM-10G-SA-FM, AQM-10G-SA-PP, AQM-30G-SA-FM, AQM-60G-SA-FM, X3:100, X3:150, A3:20, A3:30, A3:100, A3:150, PA3:100, PA3:60, PA3:20, CCS1

#### 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 use  
Use of the substance/mixture : DETERGENT

##### 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](mailto: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 GB CLP (SI 2019:720 as amended)

Skin corrosion/irritation, Category 2 H315  
Serious eye damage/eye irritation, Category 2 H319  
Full text of H- and EUH-statements: see section 16

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

NOTE:- In Use Solutions of this Product are NOT CLASSIFIED.

#### 2.2. Label elements

##### Labelling according to GB CLP (SI 2019:720 as amended)

Hazard pictograms (GB CLP) :



GHS07

Signal word (GB CLP) : Warning  
Hazard statements (GB CLP) : H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
Precautionary statements (GB CLP) : P102 - Keep out of reach of children.  
P280 - Wear eye protection, protective clothing.  
P302+P352 - IF ON SKIN: Wash with plenty of water.

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P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332+P313 - If skin irritation occurs: Get medical attention.  
P337+P313 - If eye irritation persists: Get medical 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 classified as PBT

This product does not contain any substances classified as vPvB.

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with UK REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB PPP at a concentration equal to or greater than 0,1 %

Component	
SODIUM CARBONATE(497-19-8)	The substance is not included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB PPP
$\beta$ -ALANINE, N-(2-CARBOXYETHYL) N COCO ALKYL DERIVS SODIUM SALT(90170-43-7)	The substance is not included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB PPP
SULPHAMIDE ACID, SULPHAMIC ACIC, SULFAMIC ACID. (5329-14-6)	The substance is not included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB PPP
REACTION PRODUCT OF BENZENE SULPHONIC ACID, C10-C14 SEC ALKYL DERIVS and BENZENE SULPHONIC ACID 4 METHYL AND SODIUM HYDROXIDE	The substance is not included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB PPP
SODIUM HYDROXIDE(1310-73-2)	The substance is not included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB PPP

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Labelling according to GB CLP (SI 2019:720 as amended)
SODIUM CARBONATE	CAS-No.: 497-19-8 EC-No.: 207-838-8 REACH-no: 01-2119485498-19	$\geq 30 - < 50$	Eye Irrit. 2, H319
$\beta$ -ALANINE, N-(2-CARBOXYETHYL) N COCO ALKYL DERIVS SODIUM SALT	CAS-No.: 90170-43-7 EC-No.: 290-476-8 REACH-no: 01-2119976233-35	$\geq 20 - < 25$	Eye Irrit. 2, H319
SULPHAMIDE ACID, SULPHAMIC ACIC, SULFAMIC ACID.	CAS-No.: 5329-14-6 EC-No.: 226-218-8	$\geq 20 - < 25$	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 3, H412

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Name	Product identifier	%	Labelling according to GB CLP (SI 2019:720 as amended)
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	≥ 2 – < 3	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
SODIUM HYDROXIDE	CAS-No.: 1310-73-2 EC-No.: 215-185-5 UK Index-No.: 011-002-00-6	≥ 0.5 – < 1	Skin Corr. 1A, H314

Specific concentration limits:		
Name	Product identifier	Specific concentration limits (%)
SODIUM HYDROXIDE	CAS-No.: 1310-73-2 EC-No.: 215-185-5 UK Index-No.: 011-002-00-6	(0.5 ≤ C < 2) Skin Irrit. 2; H315 (0.5 ≤ C < 2) Eye Irrit. 2; H319 (2 ≤ C < 5) Skin Corr. 1B; H314 (5 ≤ C < 100) Skin Corr. 1A; H314

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	: Unlikely without deliberate abuse. Move the affected person to the fresh air. 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 the recovery position and seek medical advice.

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

Symptoms/effects	: Neat product will cause irritation to eyes. Dilute solutions are unclassified, but may cause transient irritation. 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.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Eye irritation.
Symptoms/effects after ingestion	: Unlikely route of exposure without deliberate abuse. If sachets are swallowed they may swell and could block the throat and GI tract. Irritation to the mouth and GI tract could 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.

### 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	: Water.

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### 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

Protective equipment : Wear protective clothing as described in section 8 of this SDS.  
Emergency procedures : Avoid contact with skin and eyes. Ventilate spillage area.

#### 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.  
Other information : 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.

## 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

Technical measures : It is essential that sachets are stored in original packaging in a dry non humid area.  
Storage conditions : Store in a dry place. Store in a closed container.

### 7.3. Specific end use(s)

This product is suitable for use for cleaning hard surfaces such as floors and walls. It is compatible with common materials of construction, but contact with unsealed wood and Perspex type plastics should be avoided. Although normal use solutions are unclassified, use of eye, hand and foot protection is recommended.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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

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AQUA MULTI PURPOSE HARD SURFACE DETERGENT	
United Kingdom - Occupational Exposure Limits	
Remark	Note general inhalable dust WEL of 10mg/m <sup>3</sup> (TWA) and respirable dust WEL of 4mg/m <sup>3</sup> .
SODIUM HYDROXIDE (1310-73-2)	
United Kingdom - Occupational Exposure Limits	
Local name	Sodium hydroxide
WEL STEL (OEL STEL)	2 mg/m <sup>3</sup>
Regulatory reference	UK (HSE EH40/2005 (Fourth edition, 2020) Publication

### 8.1.2. Recommended monitoring procedures

Monitoring methods	
Monitoring methods	At recommended use solution concentrations, no monitoring will be required.

### 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:

In Normal use eye protection is not required. Consider safety glasses if there is a significant risk of splashing. 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.

#### 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

##### Thermal hazard protection:

Beware of scalds from use in Hot Water.

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### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid large scale release of undiluted material 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
Colour	: Blue.
Appearance	: Powder.
Odour	: Fresh.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not applicable
Flammability	: Not Flammable
Explosive properties	: Product is not explosive.
Oxidising properties	: Not oxidising.
Explosive limits	: Not applicable
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not applicable
pH	: 9.5 – 10.5
pH solution concentration	: 1 %
Viscosity, kinematic	: Not applicable
Solubility	: Completely soluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not applicable
Vapour pressure at 50°C	: Not available
Density	: 0.6 – 0.8 g/cm <sup>3</sup>
Relative density	: Not applicable
Relative vapour density at 20°C	: Not applicable
Particle size	: Not available

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

Boiling point	> 400 °C Atm. press.: 101 kPa Decomposition: 'no'
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### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

Relative evaporation rate (butylacetate=1)	: Not applicable.
VOC content	: Contains no VOCs
Volatility	: Non Volatile

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

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

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### 10.2. Chemical stability

Stable under normal conditions. Do not mix with other chemicals.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Store away from moisture in a closed container.

### 10.5. Incompatible materials

Strong acids. Oxidising agents. 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 ALKYL DERIVS SODIUM SALT (90170-43-7)**

LD50 oral rat	≈ 2000 mg/kg
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#### **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
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LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:
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Skin corrosion/irritation : Causes skin irritation.  
pH: 9.5 – 10.5  
Serious eye damage/irritation : Causes serious eye irritation.  
pH: 9.5 – 10.5  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified  
STOT-single exposure : Not classified  
STOT-repeated exposure : Not classified  
Aspiration hazard : Not classified

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : Not known to be an endocrine disruptor.

#### 11.2.2. Other information

No additional information available

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : Normal use solutions of this product are not classified for environmental harm.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified

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

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

##### AQUA MULTI PURPOSE HARD SURFACE DETERGENT

Persistence and degradability	The Surfactants and Chelants used in this mixture are Biodegradable.
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##### SULPHAMIDE ACID, SULPHAMIC ACID, SULFAMIC ACID. (5329-14-6)

Persistence and degradability	Rapidly degradable
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##### β-ALANINE, N-(2-CARBOXYETHYL) N COCO ALKYL DERIVS SODIUM SALT (90170-43-7)

Persistence and degradability	Rapidly degradable
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##### SODIUM CARBONATE (497-19-8)

Persistence and degradability	Not rapidly degradable
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##### SODIUM HYDROXIDE (1310-73-2)

Persistence and degradability	Not rapidly degradable
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#### REACTION PRODUCT OF BENZENE SULPHONIC ACID, C10-C14 SEC ALKYL DERIVS and BENZENE SULPHONIC ACID 4 METHYL AND SODIUM HYDROXIDE

Persistence and degradability	Rapidly degradable
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#### 12.3. Bioaccumulative potential

##### AQUA MULTI PURPOSE HARD SURFACE DETERGENT

Bioaccumulative potential	Not expected to Bioaccumulate.
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#### 12.4. Mobility in soil

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Additional information	soluble in water
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### 12.5. Results of PBT and vPvB assessment

#### AQUA MULTI PURPOSE HARD SURFACE DETERGENT

This product does not contain any substances classified as PBT

This product does not contain any substances classified as vPvB.

### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : Not known to be an endocrine disruptor.

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. 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

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>Transport document description</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information 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

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According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

### 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)

##### 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)

##### 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)

##### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

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

VOC content : Contains no VOCs

##### 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. United Kingdom

British National Regulations : GB REACH and CLP regulations.

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

Not applicable.

##### UK REACH Candidate List (SVHC)

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

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Indication of changes (UK):

Addition of new part codes. No changes to classification. Now quotes GB rather than EU regulation.

### 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

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Abbreviations and acronyms:	
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
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 disruptor

Other information : This mixture is not covered by UK Offensive Weapons or Explosive Precursor and Poisons legislation.

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

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Full text of H- and EUH-statements:	
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2

Safety Data Sheet (SDS), UK (revised)

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.