

## NEOGEN® VIRUCIDAL DETERGENT DISINFECTANT (NEOGEN® Viroxide Super Sachet)

According to Regulation (EC) No. 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures.

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Revision No: 7

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

#### 1.1. Product identifier

Product name: NEOGEN® VIRUCIDAL DETERGENT DISINFECTANT (NEOGEN® Viroxide Super Sachet).

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

**Use of substance / mixture:** PC8: Biocidal products (e.g. Disinfectants, pest control). **Uses advised against** Not for oral consumption

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

**Supplied by:** PVA – HYGIENE LTD

Unit 6, Havyatt Rd Business Park Havyatt Rd, Bristol, BS40 5PA, United Kingdom. **Tel:**  
0044 (0)1934 862859

**Email:** [sales@pva-hygiene.co.uk](mailto:sales@pva-hygiene.co.uk)

**Manufactured by:** QUAT-CHEM LTD

4 Dodgson Street, Rochdale, Lancashire, OL16 5SJ, United Kingdom

**Tel:** 0044 (0)1706 344 797

**Fax:** 0044 (0)1706 681 561

**Email:** [mail@quatchem.co.uk](mailto:mail@quatchem.co.uk)

#### 1.4. Emergency telephone number

**Emergency tel:** 01934 862 859 (office hours)

UK Environment Agency 24hour Advisory Service 0800 807060.

For UK Medical Emergency Advice Dial 111.

This product is registered with the UK NPIS service (access for medical Professionals only).

This product is registered with the Irish National Poisons Centre Tel: +353 (01) 809 2166.

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification under CLP:** Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 3: H412

**Most important adverse effects:** Harmful if swallowed. Causes skin irritation. Causes serious eye damage.

Harmful to aquatic life with long lasting effects.

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**Note** Classification arrived at by test data

**2.2. Label elements**

**Label elements:**

**Hazard statements:**

- H302: Harmful if swallowed.
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H412: Harmful to aquatic life with long lasting effects.

**CONTAINS** PENTAPOTASSIUM BIS (PEROXYMONOSULPHATE) BIS (SULPHATE).

**Hazard pictograms:** GHS05: Corrosion GHS07: Exclamation mark



**Signal words:** Danger

**Precautionary statements:** P102 Keep out of reach of children

- P260: Do not breathe dust.
- P280 Wear protective gloves.
- P280 Wear eye protection.
- P270: Do not eat, drink or smoke when using this product.
- P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.
- P302+P352: IF ON SKIN: Wash with plenty of water.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P273: Avoid release to the environment.

**2.3. Other hazards**

**PBT:** This product is not identified as a PBT/vPvB substance.

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

**Hazardous ingredients:**

PENTAPOTASSIUM BIS (PEROXYMONOSULPHATE) BIS (SULPHATE)

EINECS	CAS	PBT / WEL	CLP Classification	Percent
274-778-7	70693-62-8	-	Aquatic Chronic 3: H412; Skin Corr. 1B: H314; Acute Tox. 4: H302	30-50%

BENZENESULFONIC ACID, C10-13 ALKYL DERIVS, SODIUM SALTS

270-115-0	68411-30-3	-	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318	10-30%
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[cont...]

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**MALIC ACID**

230-022-8	6915-15-7	-	Eye Irrit. 2: H319	1-10%
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**SULPHAMIC ACID**

226-218-8	5329-14-6	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Aquatic Chronic 3: H412	1-10%
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**DIPOTASSIUM PEROXYDISULPHATE**

231-781-8	7727-21-1	-	Ox. Sol. 3: H272; Acute Tox. 4: H302; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Resp. Sens. 1: H334; Skin Sens. 1: H317	1-10%
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**Section 4: First aid measures**

**4.1. Description of first aid measures**

**GENERAL INFORMATION**

For immediate First Aid advice in the UK, dial 111. When it is safe to do so, remove victim immediately from source of exposure. However, consideration should be given as to whether moving the victim will cause further injury

**Skin contact:**

Remove all contaminated clothes and footwear immediately unless stuck to skin.  
Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.  
Transfer to hospital if there are burns or symptoms of poisoning.

**Eye contact:**

Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:**

Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary.  
If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

**Inhalation:**

Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

[cont...]

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

#### Skin contact:

Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

#### Eye contact:

Corneal burns may occur. May cause permanent damage.

#### Ingestion:

Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose. **Inhalation:**

There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing. If mixed with bleach will produce Chlorine gas, check for respiratory problems.

#### Delayed / immediate effects:

Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Treat Symptomatically

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

**Exposure hazards:** Corrosive. In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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

**Personal precautions:** Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Do not create dust.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

### 6.3. Methods and material for containment and cleaning up

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**Clean-up procedures:** Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Avoid direct contact with the sachet contents. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air.

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

**Storage conditions:** Store in a cool, dry, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

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

**Specific end use(s):** Refer to section 1.2 of the safety data sheet

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Hazardous ingredients:**

**POTASSIUM PERSULPHATE**

**Respirable dust:**

**Workplace exposure limits:**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1 mg/m <sup>3</sup>	-	-	-

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**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Personal protection** The PPE indicated above is not a COSHH assessment. It represents PPE that should be considered during the manufacture, distribution, use and final disposal stages of this product's life cycle. It is the responsibility of employers to conduct a COSHH/risk assessment to determine appropriate PPE levels. The information given below should be used to support this assessment.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter. (Not Required for normal use).

**Hand protection:** Wear protective gloves if hands are likely to be wet resulting in direct contact with the sachet contents. Rubber and PVC with a break through time of >60 Minutes are suitable. Refer to EN Standard 166 to select appropriate level of protection.

**Eye protection:** If there is a risk of splashing use of eye protection is recommended. Refer to EN Standard 166 to select appropriate level of protection. Ensure eye bath is to hand.

**Skin protection:** Wear suitable protective clothing as protection against splashing or contamination.

**General Health and Safety Measures.**

Note:- In use solutions at recommended dilution are not classified, but will have a low pH, a risk assessment to determine PPE should be conducted. Use of gloves and eye protection is recommended.

**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**State:** Powder contained in a Sachet

**Colour:** White to pale green

**Odour:** Slight Bleach odour **Evaporation**

**rate:** N/A.

**Oxidising:** No data available.

**Solubility in water:** Soluble **Viscosity:**

N/A.

**Boiling point/range °C:** N/A  
**Flammability limits %: lower:** N/A. **upper:** N/A.  
**Flash point °C:** N/A.  
**Auto flammability °C:** No data available.  
**Relative density:** 1.09  
**VOC g/l:** No data available.  
**Melting point/range°C:** No data available.  
**Part.coeff. n-octanol/water:** No data available.  
**Vapour pressure:** No data available **pH:**  
 approx. 2.6 @ 1%

## 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
 Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat. Direct sunlight. Avoid contact with moisture

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong bases. **Mixing with Bleach will result in the evolution of Toxic Chlorine Gas.**

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

// BENZENESULFONIC ACID, C10-13 ALKYL DERIVS, SODIUM SALTS

ORAL	RAT	LD50	>2000	mg/kg
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**SULPHAMIC ACID**

IPR	RAT	LDLO	100	mg/kg
ORL	MUS	LD50	1312	mg/kg
ORL	RAT	LD50	3160	mg/kg

**POTASSIUM PERSULPHATE**

ORL	RAT	LD50	802	mg/kg
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**Relevant hazards for product:**

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

**Symptoms / routes of exposure**

**Skin contact:** Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

**Eye contact:** Corneal burns may occur. May cause permanent damage.

**Ingestion:** Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

**Inhalation:** There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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**Section 12: Ecological information**

**12.1. Toxicity**

**Hazardous ingredients:** PEROXYMONOSULPHATE

ALGAE	96H ErC50	>1	mg/l
Daphnia magna	48H EC50	3.5	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	53	mg/l

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** Low

**12.4. Mobility in soil**

**Mobility:** No data available.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** No data available.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal Company.

**Disposal of packaging:** Dispose of as normal industrial waste. Normal use solutions are flushed to drain.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**Transport class:** This product does not require a classification for transport.

**Section 15: Regulatory information**

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

**Specific regulations:** European Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures.. Also considered is the REACH Regulation (EC) No.1907/2006.

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**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** Reference made to Neogen SDS Revision 5

\* PCS Ref 100705

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:**

H272: May intensify fire; oxidiser.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335: May cause respiratory irritation.

H412: Harmful to aquatic life with long lasting effects.

**REACH extended MSDS comments**

REACH requires that persons handling chemicals should take the necessary risk management measures, in accordance with assessments from manufacturers and importers of chemical substances. The relevant recommendations must be passed along the supply chain. These assessments are generally reported in Exposure Scenarios. Where Exposure Scenarios have been provided for substances used in this product, the relevant information is incorporated into the safety data sheet.

**END OF SAFETY DATA SHEET**

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**Legal disclaimer:**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Aqua-Dis  
UFI Code : CPSPM-W2HK-CE2N-H709

#### 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  
Industrial/Professional use spec : For professional use only  
Use of the substance/mixture : DISINFECTANT/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 T  
01934 862859  
[sales@pva-hygiene](mailto:sales@pva-hygiene)

#### 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  
Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412  
Full text of H statements : see section 16

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

Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects. NOTE:- In Use Solutions of this Product are NOT CLASSIFIED.

#### 2.2. Label elements

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



<tx:\_GHS\_PICTOS> (CLP)

: GHS07

Signal word (CLP)

: Warning

# Aqua-Dis

## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

Hazard statements (CLP)	: H315 - Causes skin irritation. H319 - Causes serious eye irritation. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P102 - Keep out of reach of children. P264 - Wash hands thoroughly after handling. P280 - Wear eye protection, protective gloves. P273 - Avoid release to the environment. P302+P352 - IF ON SKIN: Wash with plenty of water. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 - IF exposed or concerned: Get medical advice/attention. P402+P404 - Store in a dry place. Store in a closed container. P501 - Dispose of contents/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.

## 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	70 – 80	Eye Irrit. 2, H319
Citric Acid Mono Hydrate	CAS-No.: 5949-29-1 EC-No.: 691-328-9 REACH-no: 01-2119457026-42	5 – 10	Skin Irrit. 2, H315
Alcohols C9-11, Ethoxylated	CAS-No.: 68439-46-3	0.95 – 1.9	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Chronic 2, H411
Alkyl (C12-14) Dimethylbenzylammonium Chloride	CAS-No.: 85409-22-9 EC-No.: 287-089-1 REACH-no: 01-2120754638-42	0.95 – 1.9	Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410
Benzododecinium Chloride	CAS-No.: 139-07-1 EC-No.: 205-351-5 REACH-no: 01-2120831693-52_XXXX	0.04 – 0.08	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

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## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

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 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 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.

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

Symptoms/effects	:	Neat product will cause irritation to skin and eyes. Diluted product may result in mild irritation to broken skin. Contact of dilute product with eyes 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	:	Prolonged or repeated exposure may result in irritation or redness, particularly on broken skin.
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. 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.

### 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

Avoid release to the environment. Large scale spillages or uncontrolled discharges into water systems must be reported to the relevant Environment Agency.

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## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

### 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 materials or solid residues at an authorized site.

### 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 skin and eyes.

Hygiene measures

: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. 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)

DISINFECTANT/DETERGENT.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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

Aqua-Dis

United Kingdom - Occupational Exposure Limits

Remark (WEL)

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):**



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## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

### 8.2.2.1. Eye and face protection

#### Eye protection:

Safety glasses. Wear approved safety goggles where eye exposure is probable, or when there is a risk of splashing. Refer to EN166 to select appropriate level of protection.

### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing

#### Hand protection:

Use protective gloves, rubber, neoprene, pvc, with a break through time of >60 minutes. Gloves should be inspected regularly for damage and replaced when necessary. Refer to EN374 to select appropriate level of protection.

### 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	: Orange
Odour	: odourless.
Odour threshold	: No data available
pH	: No data available
pH solution	: 8 – 10.5 @1%
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
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: Not applicable
Relative vapour density at 20 °C	: Not applicable
Relative density	: Not applicable
Density	: ≈ 2.7 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.

# Aqua-Dis

## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

Oxidising properties : Not oxidising.  
Explosive limits : Not applicable

### 9.2. Other information

No additional information available

## 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.

### 10.4. Conditions to avoid

Store away from moisture in a closed container.

### 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

#### Alkyl (C12-14) Dimethylbenzylammonium Chloride (85409-22-9)

LD50 oral rat	≈ 344 ml/kg
LD50 dermal rat	> 2000 ml/kg

#### Alcohols C9-11, Ethoxylated (68439-46-3)

LD50 oral rat	300 – 2000 ml/kg
LD50 dermal rat	> 2000 ml/kg

Skin corrosion/irritation : Causes skin irritation.  
Serious eye damage/irritation : Causes serious eye irritation.  
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/fetal 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-Dis

## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

### Aqua-Dis

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 : Harmful to aquatic life with long lasting effects. (chronic)

#### Alkyl (C12-14) Dimethylbenzylammonium Choride (85409-22-9)

LC50 - Fish [1]	≈ 0.791 ml/l Rainbow Trout
-----------------	----------------------------

EC50 - Daphnia [1]	≈ 0.0164 ml/l Water flea
--------------------	--------------------------

EC50 72h - Algae [1]	≈ 0.00785 mg/l Green Algae
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#### Alcohols C9-11, Ethoxylated (68439-46-3)

LC50 - Fish [1]	1 – 10 mg/l
-----------------	-------------

EC50 - Daphnia [1]	1 – 10 g/l
--------------------	------------

EC50 72h - Algae [1]	1 – 10 mg/l
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### 12.2. Persistence and degradability

#### Aqua-Dis

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

#### Aqua-Dis

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

#### Aqua-Dis

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

#### Aqua-Dis

This product does not contain any substances classified as PBT

This product does not contain any substances classified as vPvB.

# Aqua-Dis

## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

### 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 regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.2. UN proper shipping name</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

# Aqua-Dis

## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

ADR	IMDG	IATA	ADN	RID
<b>14.3. Transport hazard class(es)</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				
<b>14.6. Special precautions for user</b>				

### Overland transport

Not regulated

### Transport by sea

Not regulated

### Air transport

Not regulated

### Inland waterway transport

Not regulated

### Rail transport

Not regulated

### 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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### 15.1.2. National regulations

GB REACH and CLP regulations.

France	
Occupational diseases	
Code	Description
RG 66	Occupational rhinitis and asthma

# Aqua-Dis

## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

### Germany

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1) Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

### Denmark

Danish National Regulations : Pregnant/breastfeeding women working with the product must not be in direct contact with the product

### Switzerland

Storage class (LK) : LK 10/12 - Liquids

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### 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

# Aqua-Dis

## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

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

### Abbreviations and acronyms

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

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Safety Data Sheet (SDS), EU

# Aqua-Dis

## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

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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.

## SAFETY DATA SHEET BATHROOM CLEANER

According to Regulation (EC) No. 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures.

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

#### 1.1. Product identifier

Product name                                BATHROOM CLEANER

UFI CODE:                                    9AET-KQ9S-2E74-UNXU

Product number                            CCS6

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

Identified uses                              Bathroom/Washroom cleaner concentrate.

Uses advised against                      Not for oral consumption. Not for use in conjunction with Bleach

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

Supplier                                        PVA HYGIENE  
Unit 6, Havyat Business Park, Wrington, Bristol, BS40 5PA  
01934 862 859 sales@pva-  
hygiene.co.uk

#### 1.4. Emergency telephone number

Emergency telephone                      01934 862 859 (office hours) UK Environment Agency 0800 807 060 (24 hour helpline) For UK Medical Emergency Advice Dial 111.  
This product is registered with the UK NPIS service (access for medical Professionals only).  
This product is registered with the Irish National Poisons Centre Tel:+353 (01) 809 2166.

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture Classification (EC 1272/2008)

Physical hazards                              Not Classified

Health hazards                                Skin Irrit. 2 - H315 Eye Irrit. 2 - H319

Environmental hazards                      Aquatic Chronic 3 - H412

#### 2.2. Label elements

Hazard pictograms



Signal word                                    Warning

Hazard statements                            H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements                    P264 Wash contaminated skin thoroughly after handling.  
P280 Wear protective gloves.  
P280 Wear eye protection.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 IF exposed or concerned: Get medical advice/ attention.  
P402+P404 Store in a dry place. Store in a closed container.  
P501 Dispose of contents/ container in accordance with national regulations.



## BATHROOM CLEANER

Ingestion	Unlikely route of exposure without deliberate abuse. If sachets are ingested they will swell and could block the throat and GI tract. If powder is ingested irritation and burning to mouth and GI tract may occur, and a soapy taste may be reported. Ingestion of diluted use solution is unlikely to cause long-term harm, but a soapy taste may be reported and there may be mild irritation to the mouth, throat and GI tract.
Skin contact	Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. Chemical burns are possible after prolonged contact.
Eye contact	May cause irritation to the eyes. May result in permanent eye damage.
<b><u>4.3. Indication of any immediate medical attention and special treatment needed</u></b>	
Notes for the doctor	Rinse well with water to neutral pH. Check for abrasion to the surface of eyes.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media    The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.

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

Specific hazards                      The product is non-combustible.

#### 5.3. Advice for firefighters

Protective actions during firefighting    Protective clothing and respiratory protection should be worn when tackling fires involving this product. Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters    Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

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

Personal precautions                      Wear protective clothing as described in Section 8 of this safety data sheet.

#### 6.2. Environmental precautions

Environmental precautions              Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Avoid or minimise the creation of any environmental contamination.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up                  Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

#### 6.4. Reference to other sections

Reference to other sections              See sections 8, 12 & 13

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Usage precautions                      Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist. Read and follow manufacturer's recommendations.

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

Storage precautions                      Keep container tightly closed. Store between 0 and 30 Degrees C.

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

Usage description                      Washroom Cleaner Concentrate

### SECTION 8: Exposure controls/Personal protection

## BATHROOM CLEANER

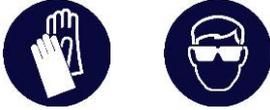
### 8.1. Control parameters

#### Ingredient comments

No exposure limits known for ingredient(s). Where new information becomes available under REACH, this will be passed on as revisions to the Safety Data Sheet.

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

#### Personal protection

The PPE indicated above is not a COSHH assessment. It represents PPE that should be considered during the manufacture, distribution, use and final disposal stages of this product's life cycle. It is the responsibility of employers to conduct a COSHH/risk assessment to determine appropriate PPE levels. The information given below should be used to support this assessment. Where possible replace manual processes with automated or closed processes to minimise contact with the product.

#### Eye/face protection

Wear approved chemical safety goggles where eye exposure is reasonably probable. Refer to EN Standard 166 to select appropriate level of protection.

#### Hand protection

Upon exposure to sachet contents: Wear protective gloves. Rubber, neoprene or PVC. The expected use of this product is such that gloves with a breakthrough time of >60 minutes should be regarded as sufficient. Gloves should be inspected regularly for damage and replaced when necessary.

#### Other skin and body protection

Provide eyewash station. Wear suitable protective clothing as protection against splashing or contamination. Reference to EN 13832 and EN 943 is useful when selecting footwear and clothing.

#### Hygiene measures

Promptly remove non-impervious clothing that has become contaminated, provided it is not adhered to the skin. Wash contaminated clothing before reuse. Provide eyewash station and safety shower.

#### Respiratory protection

Not normally required.

#### Environmental exposure controls

Do not allow the substance to contaminate surface water/ground water. See points 6, 12 & 13.

#### General Health and Safety Measures.

Because use solutions will have a low pH, they should be considered as irritant or corrosive to skin and eyes, use of gloves and safety glasses are recommended.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance	Powder in water-soluble PVA sachet.
Colour	RED - PINK
Odour	Fresh Pine
Odour threshold	Not applicable.
pH	2.6 - 3 at normal use of 1 - 2% wt/v
Melting point	Not applicable.

## BATHROOM CLEANER

Initial boiling point and range	Not applicable.
Flash point	Not applicable. Contains no Flammable Components
Evaporation rate	Not applicable.
Evaporation factor	Not applicable.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Other flammability	Not applicable.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Relative density	Not applicable.
Bulk density	~2.5g/cm <sup>3</sup>
Solubility(ies)	Soluble in water.
Partition coefficient	Not applicable. Not technically practical for mixtures.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not applicable.
Viscosity	Not determined.
Explosive properties	Not applicable.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Not applicable. Contains no Oxidising Components.

### 9.2. Other information

Refractive index	Not applicable.
Particle size	Not applicable.
Molecular weight	Not applicable.
Volatility	Not applicable.
Saturation concentration	Not applicable.
Critical temperature	Not applicable.
Volatile organic compound	Not applicable.
Explosive Properties	Not Classified as Explosive
Storage Temperature Range	Store between 0 - 30 Degrees C

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	Not expected to react when correctly stored and used. Mixing with other chemicals may produce unexpected reactions.
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### 10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended. - See note 10.6.
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## BATHROOM CLEANER

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Refer to section 10.1. Mixing with Bleach will produce toxic Chlorine gas.

### 10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

Materials to avoid Avoid contact with the following materials: Bleach.

### 10.6. Hazardous decomposition products

Hazardous decomposition Does not decompose when used and stored as recommended. - See section 10.5. products

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects Respiratory sensitisation

Respiratory sensitisation No evidence of respiratory sensitisation for any component of this formulation.

### Skin sensitisation

Skin sensitisation No evidence of skin sensitisation for any component of this formulation.

### Carcinogenicity

Carcinogenicity The components of this formulation will not be systemically available in the body under normal conditions of handling. As a consequence it is not expected to cause cancer.

### Reproductive toxicity

Reproductive toxicity - fertility The components of this formulation will not be systemically available in the body under normal conditions of use and handling. As a consequence it is not expected to be toxic to the reproductive system or developing foetus.

General information See section 4.2.

Inhalation Unlikely route of exposure. Inhalation of sprayed droplets may result in soreness of the throat, mouth and nose. - See section 4.2.

Ingestion Will cause severe irritation to mouth, throat and GI-Tract.

Skin contact Irritating to skin.

Eye contact Causes serious eye irritation.

## SECTION 12: Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects. In use solutions have no environmental classification and do not pose a risk to the environment.

### 12.1. Toxicity 12.2. Persistence and degradability

Persistence and degradability The surfactant(s) used in this preparation complies (comply) with the biodegradability criteria as laid down in the European Detergents Regulation No 648/2004 as amended.

### 12.3. Bioaccumulative potential

Bioaccumulative potential Not expected to bioaccumulate.

Partition coefficient Not applicable. Not technically practical for mixtures.

### 12.4. Mobility in soil

Mobility The product contains substances which are water soluble and may spread in water systems.

### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB This product does not contain any substances classified as PBT or vPvB.

## BATHROOM CLEANER

assessment

### 12.6. Other adverse effects

Other adverse effects                      Not determined.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

General information                      When handling waste, the safety precautions applying to handling of the product should be considered. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Do not mix with other chemicals.

Disposal methods                          Small volumes of use solution can be disposed of to sewers.

## SECTION 14: Transport information

General                                        The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

### 14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to            Not applicable. Annex II of MARPOL 73/78 and the IBC Code

## SECTION 15: Regulatory information

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

EU legislation                                European Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures.  
This replaces Directive 67/548/EEC - Classification, Packaging and Labelling of Dangerous Substances and Regulation (EC) No. 453/2010 relating to the Classification, Packaging and Labelling of Dangerous Preparations. Also considered is the REACH Regulation (EC) No.1907/2006.

### 15.2. Chemical safety assessment

Pcs Information

No chemical safety assessment has been carried out.

## BATHROOM CLEANER

### SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	<p>(EC) No. 1272/2008 : EU Regulation on Classification, Labelling and Packaging of Substances and Mixtures.</p> <p>NPIS - National Poisons Information Service.</p> <p>vPvB - Very Persistent, Very bioaccumulative.</p> <p>PBT - Persistent, Bioaccumulative &amp; Toxic.</p> <p>REACH - Registration, Evaluation, Authorisation &amp; restriction of CHemicals (Regulation EC 1907/2006).</p> <p>DNEL - Derived No Effect Limit.</p> <p>PNEC - Predicted No Effect Concentration.</p> <p>COSHH - Control of Substances Hazardous to Health.</p> <p>Industry - Refers in section 8 to application of the substance in an industrial process.</p> <p>Professional - Refers in section 8 to application/use of the preparation/product in a skilled trade premises.</p>
General information	<p>This document is a Safety Data Sheet, NOT a CoSHH assessment. It is the customer's responsibility to conduct a full CoSHH assessment, taking into account the information held within this document along with other local factors considered in a risk assessment. The Risk and Hazard statements listed below are the full text of abbreviations used in this document.</p> <p>They are not the final classification, for this refer to section 2.</p>
Revision comments	<p>Addition of Emergency Contact Details</p>
Revision date	20/06/2020
Hazard statements in full	<p>H315 Causes skin irritation.</p> <p>H319 Causes serious eye irritation.</p> <p>H412 Harmful to aquatic life with long lasting effects.</p>
REACH extended MSDS comments	<p>REACH requires that persons handling chemicals should take the necessary risk management measures, in accordance with assessments from manufacturers and importers of chemical substances. The relevant recommendations must be passed along the supply chain. These assessments are generally reported in Exposure Scenarios.</p> <p>Where Exposure Scenarios have been provided for substances used in this product, the relevant information is incorporated into the safety data sheet.</p>
END OF SAFETY DATA SHEET	

## BATHROOM CLEANER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

**SAFETY DATA SHEET**

**Everyday Toilet Cleaner**

**SECTION 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**

1.1 Product Name	Everyday Toilet Cleaner	Formulation Ref: 26054101	UFI CODE: YSSM-E26Y-PE24-6JMD
SDS Rev Date	26/05/21	Rev No:	02
1.2 Identified Uses	Toilet Cleaner		
Uses Advised Against	Not for direct contact with Food or Beverage stuffs. Not for oral consumption.		
1.3 Supplier	PVA-Hygiene Havyatt Road Business Park Havyatt Road Bristol BS40 5PA 01934 862 859 <a href="mailto:sales@pva-hygiene.co.uk">sales@pva-hygiene.co.uk</a>		
1.4 Emergency telephone numbers	Emergency telephone 01934 862 859 (office hours) UK Environment Agency 24hour Advisory Service 0800 807060. For UK Medical Emergency Advice Dial 111. This product is registered with the UK NPIS service (access for medical Professionals only).		

**Classification (EC1272/2008) SECTION 2. HAZARD IDENTIFICATION and UK CLP legislation**

2.1 Signal Word	Warning	
2.1 Classification	Physical: Not classified. Health: Eye Irritation. 2 - H319. Environmental Not classified	
Hazard Statements	H319 – Causes serious eye irritation.	
Precautionary Statements	Keep out of reach of children. Wash contaminated skin thoroughly after handling. Wear eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/ attention. Store in a closed container. Dispose of contents in accordance with national regulations.	
2.2 Labelling		
2.3 Other Hazards		

**SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS**

<b>3.2 Mixture</b>			
Product	EC (EINECS No.)	CAS-No.	%
Citric Acid Monohydrate	611-842-9	5949-29-1	25 - 30
Classification (EC 1272/2008)			
Physical: Not Classified. Health: Eye Irrit. 2 – H319. Environmental: Not Classified.			
Product	EC (EINECS) No	CAS-No	%
Sodium Carbonate	207-838-8	497-19-8	5 – 10
Classification (EC 1272/2008)			
Physical: Not Classified. Health: Eye Irrit. 2 – H319. Environmental: Not Classified			
Product	EC (EINECS) No.	CAS-No.	%
Sodium Dodecyl Benzene Sulphonate	932-05108	-----	<3
Classification (EC 1272/2008)			
Physical: Not Classified. Health: Eye Dam. 1 – H318, Skin Irrit. 2 – H315. Environmental: Aquatic Chronic 3: H412			
Product	EC (EINECS) No.	CAS-No.	%
TERPINEOL	232-268-1	8000-41-7	<1
Classification (EC 1272/2008)			
Physical: Not Classified. Health: Eye Irrit,2 – H319, Skin Irrit. 2 – H315. Environmental: Not Classified			
Product	EC (EINECS) No.	CAS-No.	%
Linalyl Acetate	204-116-4	115-95-7	<1%
Classification (EC 1272/2008)			
Physical: Not Classified. Health: Eye Irrit,2 – H319, Skin Irrit. 2 – H315. Environmental: Not Classified			

For the full text of the H-statements mentioned in this section, see section 16.

**SECTION 4. FIRST-AID MEASURES**

<b>4.1 Description of First Aid Measures</b>	
Inhalation	Move exposed person to fresh air. Get medical attention if irritation persists.
Ingestion	Do Not Induce Vomiting. Immediately rinse mouth. Get medical advice immediately if irritation continues.
Skin Contact	Remove contaminated clothing and wash with water. Get medical attention if irritation persists.



Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove contact lenses if safe and easy to do so, open eyes wide apart. Continue to rinse. Get medical attention immediately.
<u>4.2 Most Important Symptoms and effects, both acute and delayed</u>	
General Information	Symptoms described are dependent upon the concentration and exposure time.
Inhalation	Possible irritation from dust to throat, nose & airway.
Ingestion	Possible irritation from dust to throat, mouth and stomach.
Skin Contact	Possible irritation and reddening to broken or sensitive skin.
Eye Contact	Irritation to eyes – Severe stinging.
<u>4.3 Indication of immediate medical attention and special treatment needed if necessary</u>	
	Rinse skin and eyes to neutral pH, check eyes for possible abrasion from powder. Contains low pH powder with wetting agents in a water soluble PVA film. The film may swell before fully dissolving.

## SECTION 5. FIRE-FIGHTING MEASURES

### 5.1 Suitable Extinguishing Media Use:

The preparation is not readily flammable, use fire-extinguishing media suitable for surrounding materials.

### 5.2 Specific Hazard arising from the chemical

When heated in the case of fire, harmful or toxic gases may be produced.

### 5.3 Special protective actions for fire fighters

Self-contained breathing apparatus and full protective clothing must be worn.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal Precautions, protective equipment and emergency procedures

Wear suitable protective equipment (including personal protective equipment, see section 8 of this SDS) to prevent any contamination of skin, eyes and personal clothing.  
Provide sufficient ventilation.  
Follow precautions for safe handling described in section 7 of this SDS.

### 6.2 Environmental Precautions

Spillages of uncontrolled discharges into watercourses must be immediately alerted to the Environmental Agency or other appropriate regulatory body. Without endangering individuals, every effort should be made to prevent entrance to drains. Note comment refers to large spillages of powder, in normal use this product is expected to be flushed to domestic drains.

### 6.3 Methods and material for containment and clean up

Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable labelled containers and seal securely. For waste disposal, see Section 13.  
Drains should be banded or capped to prevent entrance or damage (Refers to large scale spillages). Flush area with plenty of water.

**SECTION 7. HANDLING AND STORAGE**

7.1 Precautions for safe handling

Avoid Spilling, skin and eye contact. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using, do not eat, drink or smoke.

7.2 Conditions for safe Storage, including incompatibilities

Keep containers tightly closed and dry. Keep in original containers. Keep out of reach of Children.

7.3 Specific end use(s)

The identified use for this product is detailed in section 1.2.

**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

8.1 Control parameters

Name	STD	Long Term	Notes
Sodium Carbonate	DNELs	10mg/m3	

8.2 Appropriate engineering controls

Provide adequate ventilation (applies to manufacturing and packing operations).

8.3 Individual protection measures, such as personal protective equipment (PPE).

Respiratory Equipment	If ventilation is insufficient, suitable respiratory protection must be provided (applies to manufacturing and packing operations).
Hand Protection	This product is not classified as irritating or corrosive to skin, but to avoid dye transfer PVC or Latex gloves are recommended with a break through time >60 minutes Refer to EN374.
Eye Protection	Wear approved safety goggles. Refer to EN166.
Other Protection	Wear suitable apron and footwear.

Protective Equipment



General Health and Safety Measures

- Note the classification given in section 2 and the measures given above refer to the powder within the sachet and relate to the manufacture, packing and distribution phases of the products life cycle.
- Use solutions will be unclassified, but may cause slight irritation to broken skin and stinging to eyes. Use of gloves and eye protection is recommended.



SECTION 9. PHYSICAL AND CHEMICAL

PROPERTIES

<u>9.1 Information on basic physical and chemical properties</u>			
This Product is a	Mixture		
Appearance	Granular powder packed in a PVA Sachet		
Colour	Green – Blue		
Odour	Floral	Flammability	N/A
Solubility	Soluble in water		
pH value	4-6 @1%	Boiling Point (°C)	N/A
Bulk Density	1.1 – 1.2		
<u>9.2 Other information</u>			

SECTION 10. STABILITY AND REACTIVITY

<u>10.1 Reactivity</u>
None known through normal use. Mixing with other chemicals may result in unexpected reactions.
<u>10.2 Chemical stability</u>
Stable under normal temperature conditions and recommended use.
<u>10.3 Possibility of hazardous reactions</u>
None known.
<u>10.4 Conditions to avoid</u>
Avoid excessive heat for prolonged periods of time.
<u>10.5 Incompatible materials</u>
Avoid strong Acids and reducing compounds, do not mix with bleach, this could result in a violent reaction.
<u>10.6 Hazardous decomposition products</u>
Oxygen, Oxides of: Carbon.

SECTION 11. TOXICOLOGICAL INFORMATION

<u>11.1 Information on toxicological effects</u>
Toxicological information
We have not carried out any animal testing; therefore we have no toxicological data specifically for this product. The toxicological data, where provided by the raw material manufactures, can be made available on request.



## SECTION 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

This product is not classified as harmful to the environment, however large and uncontrolled spillages may result in pH changes and foam formation that could be detrimental.

### 12.2 Persistence and degradability

Surfactants used in the product are biodegradable.

### 12.3 Bio accumulative potential

This preparation does not contain any substance that is expected to be bioaccumulating.

### 12.4 Mobility in soil

Soluble in water.

### 12.5 Results of PBT and VPVB

This preparation does not contain and PBT or VPVB substances.

### 12.6 Other adverse effects

Not Known.

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

The preparation is designed for disposal via foul drain after use. The product is expected to be compatible with septic tanks. Large volumes to be treated as controlled waste and be disposed to a licensed waste disposal site in accordance with local waste disposal regulations.

Where possible, clean used containers and recycle.

## SECTION 14. TRANSPORT INFORMATION

This product is not classified as hazardous for transport, as per IATA, ADR & IMDG.

## SECTION 15. REGULATORY INFORMATION

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

EU Legislation: Safety Data sheets prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (as amended). Packaging & Labelling of dangerous preparations. Ingredients are listed with classification under GHS / CLP – Regulation (EC) No 1272/2008 classification (as amended).

Also considered UK (GB) REACH and UK (GB) CLP legislation and raw material supplier information based on above references.

UK EH40 List.

ECHA C&L Inventory.

### 15.2 Chemical Safety Assessment



Not applicable this product is a mixture

SECTION 16. OTHER INFORMATION

REV. No. REPL. SDS	01 – This is first issue
Generated	22/01/21
Notes	<p>This information relates only to the specific material and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of the company's knowledge and belief, accurate and reliable as of date indicated. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for his own particular use.</p> <p>This document is a Safety Data Sheet, NOT a CoSHH assessment. It is the customer's responsibility to conduct a full CoSHH assessment, taking into account the information held within this document along with other local factors considered in a risk assessment.</p> <p>The Risk and Hazard statements listed below are the full text of abbreviations used in this document. They are not the final classification, for this refer to section 2.</p>
Hazard statements in full	<p>H315 – Causes skin irritation.            H319 - Causes serious eye irritation            H318 – Causes serious eye damage.            H412 – Harmful to aquatic life with long lasting effects.</p>
	<u>END of SDS</u>

\*\*SAFETY DATA SHEET\*\*

## SAFETY DATA SHEET MULTI PURPOSE CLEANER

According to Regulation (EC) No. 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures.

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

#### 1.1. Product identifier

Product name MULTI PURPOSE CLEANER  
Product number CCS1  
UFI CODE: MG03-QCJM-QN08-A0PN

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

Identified uses Detergent. For professional use only.

Uses advised against Not for direct contact with Food or Beverage stuffs. Not for oral consumption.

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

Supplier PVA HYGIENE  
Unit 6, Havyat Business Park, Wrington, Bristol, BS40 5PA  
01934 862 859 sales@pva-hygiene.co.uk

#### 1.4. Emergency telephone number

Emergency telephone 01934 862 859 (office hours) UK Environment Agency 24hour Advisory Service 0800 807060.  
For UK Medical Emergency Advice Dial 111.  
This product is registered with the UK NPIS service (access for medical Professionals only).  
This product is registered with the Irish National Poisons Centre Tel:+353 (01) 809 2166.

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture Classification (EC 1272/2008)

Physical hazards Not Classified  
Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318  
Environmental hazards Not Classified

#### 2.2. Label elements

Hazard pictograms



Signal word Danger  
Hazard statements H315 Causes skin irritation.  
H318 Causes serious eye damage.



## MULTI PURPOSE CLEANER

Classification  
 Acute Tox. 4 - H302  
 Skin Irrit. 2 - H315  
 Eye Dam. 1 - H318  
 Aquatic Chronic 3 - H412

The full text for all hazard statements is displayed in Section 16.

Composition comments            To the best of our knowledge, all of the substances used in this product are being supported for the relevant application in REACH.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

General information	For immediate First Aid advice in the UK, dial 111. When it is safe to do so, remove victim immediately from source of exposure. However, consideration should be given as to whether moving the victim will cause further injury.
Inhalation	Move affected person to fresh air. Get medical attention if any discomfort continues. If breathing stops, provide artificial respiration.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.
Skin contact	Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if irritation persists after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes and get medical attention.

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

General information	Neat product will cause skin irritation and potentially permanent eye damage. Dilute product will result in less severe damage to the eyes, but contact should be treated as per neat chemical.
Inhalation	Unlikely route of exposure. Inhalation of sprayed droplets may result in soreness of the throat, mouth and nose.
Ingestion	Unlikely route of exposure without deliberate abuse. If neat chemical is ingested, irritation of the mouth, throat and GI tract may occur. If dilute chemical is ingested some soreness of the mouth, throat and GI tract may occur.
Skin contact	Prolonged skin contact may cause redness and irritation.
Eye contact	May result in permanent eye damage.

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

Notes for the doctor	Rinse well with water to neutral pH. Contains High pH powder with wetting agents in a water soluble PVA film. The film may swell before fully dissolving.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media            The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire. 5.2. Special hazards arising from the substance or mixture

Specific hazards	This product is non combustible, on heating corrosive vapours may be formed. PVA Film is water soluble, consider use of Dry Powder or CO2 to prevent release of chemical powder within the sachet.
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#### 5.3. Advice for firefighters

Protective actions during firefighting	Protective clothing and respiratory protection should be worn when tackling fires involving this product. Control run-off water by containing and keeping it out of sewers and watercourses.
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## MULTI PURPOSE CLEANER

Special protective equipment      Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective for firefighters      clothing.

### SECTION 6: Accidental release measures

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

Personal precautions      Wear protective clothing as described in Section 8 of this safety data sheet. Ensure adequate ventilation of the working area.

#### 6.2. Environmental precautions

Environmental precautions      Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Avoid or minimise the creation of any environmental contamination.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up      Collect and place in suitable labelled containers and seal securely. For waste disposal, see Section 13. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

#### 6.4. Reference to other sections

Reference to other sections      See sections 8, 12 & 13

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Usage precautions      Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist. Read and follow manufacturer's recommendations.

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

Storage precautions      Keep container tightly closed and dry. Store between 0 and 30 Degrees C.

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

Specific end use(s)      Multi Purpose Cleaner

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters Occupational exposure limits

SODIUM CARBONATE

Long-term exposure limit (8-hour TWA): 8 mg/m<sup>3</sup>

## MULTI PURPOSE CLEANER

### Ingredient comments

Where an exposure level is quoted, a risk assessment should consider if there is a need to monitor the atmosphere of the working environment. Results should be compared against the WEL and/or DNEL information provided. The Long Term WEL refers to total exposure of a worker to a specific substance averaged out over an 8 hour period.

The Short Term WEL refers to a single exposure of a worker to a specific substance over a 15 minute period.

If the Short Term WEL is exceeded and no Long Term Limit is set, further exposure during the working shift is not permitted. Further controls should be implemented to ensure that future exposure to the substance is reduced below the levels set before the activity is repeated/continued. Where no Short Term WEL exists, guidance from the HSE is to use a value of three times the Long Term WEL.

The WEL limits are laid down in the EH40 list as supplied by the HSE. Where a worker is exposed to levels approaching a limit, further exposure control measures should be considered to reduce exposure to the substance. DNEL and/or PNEC information is supplied by manufacturers of substances in accordance with REACH legislation (Regulation (EC) No 1907/2006), and is used to provide suitable risk reduction measures to limit exposure of the user of the substance to a non hazardous level. If the measured level of exposure by a route divided by the DNEL for the route is greater than 1, then further exposure controls should be implemented as described in section 8.2. Where new information becomes available under REACH, this will be passed on as revisions to the Safety Data Sheet.

### 8.2. Exposure controls

#### Protective equipment



#### Personal protection

The PPE indicated above is not a COSHH assessment. It represents PPE that should be considered during the manufacture, distribution, use and final disposal stages of this product's life cycle. It is the responsibility of employers to conduct a COSHH/risk assessment to determine appropriate PPE levels. The information given below should be used to support this assessment.

#### Eye/face protection

Wear approved, tight fitting safety glasses where splashing is probable. Refer to EN Standard 166 to select appropriate level of protection.

#### Hand protection

Upon exposure to sachet contents: Wear protective gloves. Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC). The expected use of this product is such that gloves with a breakthrough time of >60 minutes should be regarded as sufficient. Gloves should be inspected regularly for damage and replaced when necessary.

#### Other skin and body protection

Provide eyewash station. Wear suitable protective clothing as protection against splashing or contamination.

#### Hygiene measures

Promptly remove non-impervious clothing that has become contaminated, provided it is not adhered to the skin. Wash contaminated clothing before reuse. Provide eyewash station and safety shower.

#### Respiratory protection

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Workplace Exposure Limit.

#### Environmental exposure controls

Do not allow the substance to contaminate surface water/ground water. See points 6, 12 & 13.

#### General Health and Safety Measures.

Note:- In use solutions at recommended dilution are not classified, but a risk assessment to determine PPE should be conducted. Use of gloves and eye protection is recommended.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Appearance Powder

## MULTI PURPOSE CLEANER

Colour	Light blue.
Odour threshold	Not applicable.
pH	Alkaline Powder, pH @1% <11
Melting point	Not applicable.
Initial boiling point and range	Not applicable.
Flash point	Not applicable.
Evaporation rate	Not applicable.
Evaporation factor	Not applicable.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Other flammability	Not applicable.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Relative density	Not applicable.
Bulk density	Not applicable.
Solubility(ies)	Soluble in water.
Partition coefficient	Not technically practical for mixtures.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not applicable.
Viscosity	Not determined.
Explosive properties	Not applicable.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Not applicable. Contains no Oxidising Components.
<u>9.2. Other information</u>	
Refractive index	Not applicable.
Particle size	Not applicable.
Molecular weight	Not applicable.
Volatility	Not applicable.
Saturation concentration	Not applicable.
Critical temperature	Not applicable.
Volatile organic compound	Not applicable.
Explosive Properties	Not Classified as Explosive
Storage Temperature Range	0 - 30 Degrees C

<b>SECTION 10: Stability and reactivity</b>
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## MULTI PURPOSE CLEANER

### 10.1. Reactivity

Reactivity Not expected to react when correctly stored and used. Mixing with other chemicals may produce unexpected reactions. The solution is strongly alkaline and reacts with strong acids with heat generation.

### 10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. - See note 10.6.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Refer to section 10.1. Do not mix with Hypochlorite based chemicals, this could result in a dangerous heating of the solution.

### 10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

Materials to avoid Strong acids. Hypochlorite based chemicals. Bleach.

### 10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended. - See section 10.5. products

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects Acute toxicity - oral

ATE oral (mg/kg) 12,820.51

### Respiratory sensitisation

Respiratory sensitisation No evidence of respiratory sensitisation for any component of this formulation.

### Carcinogenicity

Carcinogenicity The components of this formulation will not be systemically available in the body under normal conditions of handling. As a consequence it is not expected to cause cancer.

### General information

See section 4.2.

### Inhalation

Unlikely route of exposure. Inhalation of sprayed droplets may result in soreness of the throat, mouth and nose. - See section 4.2.

### Ingestion

May cause irritation to mouth, throat and GI tract.

### Skin contact

There may be irritation and redness at the site of contact.

### Eye contact

May cause permanent eye injury.

## SECTION 12: Ecological information

### Ecotoxicity

This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### 12.1. Toxicity

#### Acute aquatic toxicity

Acute toxicity - fish Normal use of the diluted product is not expected to pose any risk.

### 12.2. Persistence and degradability

Persistence and degradability The surfactant(s) used in this preparation complies (comply) with the biodegradability criteria as laid down in the European Detergents Regulation No 648/2004 as amended.

### 12.3. Bioaccumulative potential

Bioaccumulative potential Not expected to bioaccumulate.

## MULTI PURPOSE CLEANER

Partition coefficient Not technically practical for mixtures.

### 12.4. Mobility in soil

Mobility The product contains substances which are water soluble and may spread in water systems.

### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

Other adverse effects Not determined.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Do not mix with other chemicals.

Disposal methods Small volumes of use solution can be disposed of to sewers.

## SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

### 14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

## SECTION 15: Regulatory information

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

EU legislation European Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures.  
This replaces Directive 67/548/EEC - Classification, Packaging and Labelling of Dangerous Substances and Regulation (EC) No. 453/2010 relating to the Classification, Packaging and Labelling of Dangerous Preparations. Also considered is the REACH Regulation (EC) No.1907/2006.

## MULTI PURPOSE CLEANER

### 15.2. Chemical safety assessment

#### Pcs Information

No chemical safety assessment has been carried out.

<b>SECTION 16: Other information</b>
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Abbreviations and acronyms used in the safety data sheet	(EC) No. 1272/2008 : EU Regulation on Classification, Labelling and Packaging of Substances and Mixtures. NPIS - National Poisons Information Service. vPvB - Very Persistent, Very bioaccumulative. PBT - Persistent, Bioaccumulative & Toxic. REACH - Registration, Evaluation, Authorisation & restriction of CHemicals (Regulation EC 1907/2006). DNEL - Derived No Effect Limit. PNEC - Predicted No Effect Concentration. COSHH - Control of Substances Hazardous to Health. Industry - Refers in section 8 to application of the substance in an industrial process. Professional - Refers in section 8 to application/use of the preparation/product in a skilled trade premises.
General information	This document is a Safety Data Sheet, NOT a CoSHH assessment. It is the customer's responsibility to conduct a full CoSHH assessment, taking into account the information held within this document along with other local factors considered in a risk assessment. The Risk and Hazard statements listed below are the full text of abbreviations used in this document. They are not the final classification, for this refer to section 2.
Revision comments	Addition of Emergency Contact Details
Revision date	20/06/2020
Hazard statements in full	H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.
REACH extended MSDS comments	REACH requires that persons handling chemicals should take the necessary risk management measures, in accordance with assessments from manufacturers and importers of chemical substances. The relevant recommendations must be passed along the supply chain. These assessments are generally reported in Exposure Scenarios. Where Exposure Scenarios have been provided for substances used in this product, the relevant information is incorporated into the safety data sheet.

END OF SAFETY DATA SHEET

## MULTI PURPOSE CLEANER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.