

## SAFETY DATA SHEET

Virucidal Detergent Disinfectant - Use Solution (Classification For COSHH assessment only)  
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 Virucidal Detergent Disinfectant - Use Solution (Classification For COSHH assessment only)

1.2. Relevant identified uses of the substance or mixture and uses advised against1.3. 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

## SECTION 2: Hazards identification

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

Physical hazards Not Classified  
Health hazards Not Classified  
Environmental hazards Not Classified

2.2. Label elements

Hazard statements NC Not Classified  
Precautionary statements P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P302+P352 IF ON SKIN: Wash with plenty of water.

2.3. Other hazards

## SECTION 3: Composition/information on ingredients

## 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 Inhalation unlikely.

Ingestion Unlikely route of exposure. However, in the event of ingesting liquid: Rinse mouth thoroughly with water. Place unconscious person on the side in the recovery position and ensure breathing can take place. Do not induce vomiting.

Skin contact Safe for use on unbroken skin. In the unlikely event of irritation cease use and seek medical advice. Rinse with water. Contact physician if discomfort continues.

Eye contact Remove any contact lenses and open eyelids wide apart. 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 Prolonged contact may result in dryness of skin. Eye contact may result in redness and stinging discomfort.

## Virucidal Detergent Disinfectant - Use Solution (Classification For COSHH assessment only)

Inhalation	Unlikely route of exposure unless deliberate inhalation has occurred, this may result in irritation of nose, mouth and airways.
Ingestion	Unlikely route of exposure without deliberate abuse. If dilute chemical is ingested some soreness of the mouth, throat and GI tract may occur.
Skin contact	Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.
Eye contact	May cause redness and irritation (stinging sensation) to eyes.

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

Notes for the doctor	Rinse well with water.
----------------------	------------------------

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	This product will not support combustion and is not flammable. Use an extinguishing media suitable for surrounding materials.
------------------------------	---

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

Specific hazards	No unusual fire or explosion hazards noted.
------------------	---

### 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.
---------------------------	---

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

Methods for cleaning up	No specific clean-up procedure recommended.
-------------------------	---

### 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	Read and follow manufacturer's recommendations.
-------------------	---

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

Storage precautions	Keep container tightly closed.
---------------------	--------------------------------

### 7.3. Specific end use(s)

Specific end use(s)	Detergent/Disinfectant. Refer to Product Data sheet.
---------------------	--

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

## Virucidal Detergent Disinfectant - Use Solution (Classification For COSHH assessment only)

### 8.2. Exposure controls

Eye/face protection	Use of eye protection is not expected for normal end use. This product is not expected to come into contact with eyes during normal usage. If a risk assessment indicates eye contact is reasonable likely eye protection should be considered Refer to EN Standard 166 to select appropriate level of protection.
Hand protection	This product is expected to be safe in normal use on unbroken skin. For very extended contact where hands may become very wet with impregnating liquid use of glove is suggested
Other skin and body protection	Not relevant.
Environmental exposure controls	Keep container tightly sealed when not in use. Do not allow the substance to contaminate surface water/ground water. See points 6, 12 &13.
General Health and Safety Measures.	Risk assessments should refer to COSHH and any other relevant legislation or industry specific guidelines governing the use of Chemicals.

### SECTION 9: Physical and chemical properties

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

Appearance	Clear liquid.
Odour	Slight Bleach
Odour threshold	Not applicable.
pH	Use pH <5.0 (Depending on concentration)
Melting point	Not applicable.
Initial boiling point and range	~100 Degrees C
Flash point	Contains no Flammable Components
Evaporation rate	Not known.
Evaporation factor	Not known.
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	~1.0 @ 20 Degrees C
Bulk density	Not applicable.
Partition coefficient	Not applicable.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not applicable.
Viscosity	Not applicable.
Explosive properties	Not applicable.
Explosive under the influence of a flame	Not considered to be explosive.

## Virucidal Detergent Disinfectant - Use Solution (Classification For COSHH assessment only)

Oxidising properties Does not meet the criteria for classification as oxidising.

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 0 to +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.

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.

10.4. Conditions to avoid

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

10.5. Incompatible materials

Materials to avoid Do not mix with Alkaline or Caustic material, this will result in a dangerous exothermic reaction. Contact with Bleach will liberate toxic Chlorine Gas

10.6. Hazardous decomposition products

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

**SECTION 11: Toxicological information**11.1. Information on toxicological effectsCarcinogenicity

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.

## Virucidal Detergent Disinfectant - Use Solution (Classification For COSHH assessment only)

Inhalation	Unlikely route of exposure. Inhalation of sprayed droplets may result in soreness of the throat, mouth and nose.
Ingestion	May cause discomfort if swallowed.
Skin contact	Under normal conditions of use exposure time will be short and the likelihood of causing skin irritation will be very low.
Eye contact	There may be irritation and redness. The eyes may water profusely.

### SECTION 12: Ecological information

Ecotoxicity Normal use is unlikely to 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.

#### 12.4. Mobility in soil

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

#### 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 methods 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. It is expected that in normal use, used liquid will run to drains or septic tanks.

### 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.

## Virucidal Detergent Disinfectant - Use Solution (Classification For COSHH assessment only)

### 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 Annex II of MARPOL 73/78  
and the IBC Code Not applicable.

## 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.

## SECTION 16: Other information

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.
General information	Only trained personnel should use this material. 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	Supplied for information only, this is not a COSHH assessment.
Revision date	20/09/2020

## Virucidal Detergent Disinfectant - Use Solution (Classification For COSHH assessment only)

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

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.

## VIRUCIDAL DETERGENT DISINFECTANT (Viroxide Super Sachet)

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

Page: 1

Compilation date: 27/08/2020

Revision date: 27/08/2020

Revision No: 1

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

#### 1.1. Product identifier

Product name: VIRUCIDAL DTERGENT DISIFECTANT (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.

Note Classification arrived at by test data



## VIRUCIDAL DETERGENT DISINFECTANT (Viroxide Super Sachet)

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

Page: 2

### 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%
-----------	------------	---	---	--------

MALIC ACID

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

**VIRUCIDAL DETERGENT DISINFECTANT (Viroxide Super Sachet)**

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

Page: 3

**SULPHAMIC ACID**

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

**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%
-----------	-----------	---	--	-------

**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.

## VIRUCIDAL DETERGENT DISINFECTANT (Viroxide Super Sachet)

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

Page: 4

### 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.

**VIRUCIDAL DETERGENT DISINFECTANT (Viroxide Super Sachet)**

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

Page: 5

**6.2. Environmental precautions**

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

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

**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**

**Workplace exposure limits:**

**Respirable dust:**

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

**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. 5.0@ 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.**

**SAFETY DATA SHEET**  
NEOGEN VIROXIDE SUPER

Page: 8

**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
------	-----	------	-------	-------

**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
-----	-----	------	-----	-------

**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.

## 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.

### 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

\* 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**

**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.