



SAFETY DATA SHEET VIRUCIDAL WP

Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

1.1. Product identifier

Product name VIRUCIDAL WP
Product number 500-300-0011

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

Identified uses Disinfectant.

1.3. Details of the supplier of the safety data sheet

Supplier WILLIAM PEARSON CHEMICALS
A DIVISION OF COVENTRY CHEMICALS LTD
WOODHAMS ROAD
SISKIN DRIVE
COVENTRY
CV3 4FX
Tel: 0044 2476 639739
Fax: 0044 2476 639719
sales@coventrychemicals.com

Contact person For content of safety data sheet:, sds@coventrychemicals.com

1.4. Emergency telephone number

Emergency telephone +44 (0) 1865407333 (Strictly for emergencies only: incidents involving damage to human health and/or the environment)

National emergency telephone number In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Acute Tox. 4 - H302 Skin Corr. 1C - H314 Eye Dam. 1 - H318

Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Pictogram



Signal word Danger

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Hazard statements	H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	P260 Do not breathe dust. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/ doctor. P501 Dispose of contents/ container in accordance with national regulations.
Contains	PENTAPOTASSIUM BIS(PEROXYMONOSULPHATE) BIS(SULPHATE), SODIUM DODECYLBENZENESULFONATE
Biocide Labelling	This product contains substances with biocidal properties., Read attached instructions before use.
Supplementary precautionary statements	P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P273 Avoid release to the environment. P301+P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P321 Specific treatment (see medical advice on this label). P363 Wash contaminated clothing before reuse. P405 Store locked up.

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

PENTAPOTASSIUM BIS(PEROXYMONOSULPHATE) BIS(SULPHATE)	30-60%
CAS number: 70693-62-8	EC number: 274-778-7
	REACH registration number: 01-2119485567-22-XXXX
Classification	
Acute Tox. 4 - H302	
Skin Corr. 1C - H314	
Eye Dam. 1 - H318	
Aquatic Chronic 3 - H412	

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SODIUM DODECYLBENZENESULFONATE			10-30%
CAS number: 68411-30-3	EC number: 270-115-0	REACH registration number: 01-2119489428-22-XXXX	
Classification		Classification (67/548/EEC or 1999/45/EC)	
Acute Tox. 4 - H302		Xn;R22. Xi;R38,R41.	
Skin Irrit. 2 - H315			
Eye Dam. 1 - H318			
Aquatic Chronic 3 - H412			
MALIC ACID			10-30%
CAS number: 6915-15-7	EC number: 230-022-8	REACH registration number: 01-2119906954-31-XXXX	
Classification			
Eye Irrit. 2 - H319			
SULPHAMIC ACID			5-10%
CAS number: 5329-14-6	EC number: 226-218-8	REACH registration number: 01-2119488633-28-0000	
Classification		Classification (67/548/EEC or 1999/45/EC)	
Skin Irrit. 2 - H315		Xi;R36/38 R52/53	
Eye Irrit. 2 - H319			
Aquatic Chronic 3 - H412			

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Provide eyewash station.
Inhalation	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues. For breathing difficulties, oxygen may be necessary.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.
Skin contact	Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

Inhalation	Dust in high concentrations may irritate the respiratory system.
Ingestion	Harmful if swallowed. May cause stomach pain or vomiting. Burning sensation in mouth. Nausea, vomiting. Diarrhoea.
Skin contact	This product is corrosive. May cause serious chemical burns to the skin. Irritation. Redness. Allergic rash.

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Eye contact This product is corrosive. A single exposure may cause the following adverse effects: Severe irritation, burning, tearing and blurred vision. Corneal damage.

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

Notes for the doctor No specific recommendations.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media Carbon dioxide (CO₂). Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards The product is non-combustible.

Hazardous combustion products Carbon dioxide (CO₂). Carbon monoxide (CO). Oxides of nitrogen. Oxides of sulphur. Oxides of phosphorus.

5.3. Advice for firefighters

Protective actions during firefighting No action shall be taken without appropriate training or involving any personal risk. In case of fire: Evacuate area. Move containers from fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours. 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. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure procedures and training for emergency decontamination and disposal are in place. No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. No smoking, sparks, flames or other sources of ignition near spillage. Do not touch or walk into spilled material. Provide adequate ventilation. Avoid contact with skin, eyes and clothing. Avoid breathing dust. For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions Avoid release to the environment. Do not discharge into drains or watercourses or onto the ground. Collect and dispose of spillage as indicated in Section 13.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Avoid spreading dust or contaminated materials. Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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Usage precautions Keep away from heat, sparks and open flame. Use only in well-ventilated areas. Do not breathe dust. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from moisture. Store away from incompatible materials (see Section 10). Store at temperatures not exceeding 50°C.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

PENTAPOTASSIUM BIS(PEROXYMONOSULPHATE) BIS(SULPHATE) (CAS: 70693-62-8)

DNEL	<p>Workers - Inhalation; Long term systemic effects: 0.28 mg/m³</p> <p>Workers - Inhalation; Short term systemic effects: 50 mg/m³</p> <p>Workers - Inhalation; Long term local effects: 0.28</p> <p>Workers - Inhalation; Short term local effects: 50 mg/m³</p> <p>Workers - Dermal; Long term systemic effects: 20 mg/kg/day</p> <p>Workers - Dermal; Short term systemic effects: 80 mg/kg/day</p> <p>Workers - Dermal; Short term local effects: 0.449 mg/cm²</p> <p>General population - Inhalation; Long term systemic effects, local effects: 0.14 mg/m³</p> <p>General population - Inhalation; Short term systemic effects, local effects: 25 mg/m³</p> <p>General population - Dermal; Long term systemic effects: 10 mg/kg/day</p> <p>General population - Dermal; Short term systemic effects: 40 mg/kg/day</p> <p>General population - Dermal; Short term local effects: 0.22 mg/cm²</p> <p>General population - Oral; Long term systemic effects: 10 mg/kg/day</p> <p>General population - Oral; Short term systemic effects: 10 mg/kg/day</p>
PNEC	<p>- Fresh water; 0.022 mg/l</p> <p>- Intermittent release, Fresh water; 0.0109 mg/l</p> <p>- marine water; 0.00222 mg/l</p> <p>- STP; 108 mg/l</p> <p>- Sediment (Freshwater); 0.0782 mg/kg</p> <p>- Sediment (Marinewater); 0.00796 mg/kg</p> <p>- Soil; 1 mg/kg</p>

SODIUM DODECYLBENZENESULFONATE (CAS: 68411-30-3)

DNEL	<p>Industry - Inhalation; Long term systemic effects: 6 mg/m³</p> <p>Industry - Inhalation; Long term local effects: 6 mg/m³</p> <p>Industry - Dermal; Long term systemic effects: 85 mg/kg/day</p> <p>Consumer - Inhalation; Long term systemic effects: 1.5 mg/m³</p> <p>Consumer - Inhalation; Long term local effects: 1.5 mg/m³</p> <p>Consumer - Dermal; Long term systemic effects: 42.5 mg/kg/day</p> <p>Consumer - Oral; Long term systemic effects: 0.425 mg/kg/day</p>
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PNEC	- Fresh water; 0.268 mg/l
	- marine water; 0.0268 mg/l
	- Intermittent release; 0.0167 mg/l
	- STP; 3.43 mg/l
	- Sediment, Fresh water; 8.1 mg/kg
	- Sediment, marine water; 6.8 mg/kg
	- Soil; 35 mg/kg

MALIC ACID (CAS: 6915-15-7)

DNEL	Workers - Inhalation; Long term systemic effects: 36.6 mg/m ³
	Workers - Dermal; Long term systemic effects: 5.2 mg/kg/day
	General population - Inhalation; Long term systemic effects: 9 mg/m ³
	General population - Dermal; Long term systemic effects: 2.6 mg/kg/day
	General population - Oral; Long term systemic effects: 2.6 mg/kg/day

SULPHAMIC ACID (CAS: 5329-14-6)

DNEL	Workers - Inhalation; Long term systemic effects: 70.5 mg/m ³
	Workers - Dermal; Long term systemic effects: 10 mg/kg/day
	General population - Inhalation; Long term systemic effects: 17.4 mg/m ³
	General population - Dermal; Long term systemic effects: 5 mg/kg/day
	General population - Oral; Long term systemic effects: 5 mg/kg/day
PNEC	Fresh water; 1.8 mg/l
	Fresh water, Intermittent release; 0.48 mg/l
	marine water; 0.18 mg/l
	STP; 20 mg/l
	Sediment (Freshwater); 8.36 mg/kg
	Sediment (Marinewater); 0.84 mg/kg
	Soil; 5 mg/kg

LIMONENE (CAS: 5989-27-5)

DNEL	Workers - Inhalation; Long term systemic effects: 66.7 mg/m ³
	Workers - Dermal; Long term systemic effects: 9.5 mg/kg/day
	General population - Inhalation; Long term systemic effects: 16.6 mg/m ³
	General population - Dermal; Long term systemic effects: 4.8 mg/kg/day
	General population - Oral; Long term systemic effects: 4.8 mg/kg/day
PNEC	- Fresh water; 0.014 mg/l
	- marine water; 0.00014 mg/l
	- STP; 1.8 mg/l
	- Sediment (Freshwater); 3.85 mg/kg
	- Sediment (Marinewater); 0.385 mg/kg
	- Soil; 0.763 mg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

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Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374. Wear protective gauntlets made of the following material: Butyl rubber. The selected gloves should have a breakthrough time of at least 8h hours. Thickness: 0.5 mm
Other skin and body protection	Wear appropriate clothing to prevent repeated or prolonged skin contact. Use appropriate skin cream to prevent drying of skin.
Hygiene measures	When using do not eat, drink or smoke. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.
Respiratory protection	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator. Wear a full facepiece respirator fitted with the following cartridge: Particulate filter, type P2.
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Avoid releasing into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Crystalline powder.
Colour	Pink.
Odour	Lemon.
Odour threshold	Not applicable. Not applicable.
pH	pH (diluted solution): 2.4-2.7
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	This product does not sustain combustion.
Evaporation rate	No information available.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Vapour density	No information available.
Relative density	1.07 @ @ 20°C
Solubility(ies)	65 g/l water @ 20°C
Partition coefficient	No information available.

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Auto-ignition temperature	No information available.
Decomposition Temperature	>50°C
Viscosity	Not applicable.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.
Comments	Information given is applicable to the product as supplied.

9.2. Other information

Other information Not relevant.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Under normal conditions of storage and use, no hazardous reactions will occur.

10.4. Conditions to avoid

Conditions to avoid Keep away from heat, sparks and open flame. Avoid generation and spreading of dust. Avoid contact with the following materials: Oxidising agents. Strong alkalis. Acids. Copper. Water, moisture.

10.5. Incompatible materials

Materials to avoid Avoid contact with flammable/combustible materials. Strong alkalis. Acids. Oxidising agents. Copper.

10.6. Hazardous decomposition products

Hazardous decomposition products Chlorine. Sulphur dioxide. Oxygen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) Harmful if swallowed.

ATE oral (mg/kg) 875.9

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation Causes severe burns.

Serious eye damage/irritation

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Serious eye damage/irritation	Corrosivity to eyes is assumed.
<u>Respiratory sensitisation</u>	
Respiratory sensitisation	Based on available data the classification criteria are not met.
<u>Skin sensitisation</u>	
Skin sensitisation	Based on available data the classification criteria are not met.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Does not contain any substances known to be mutagenic.
<u>Carcinogenicity</u>	
Carcinogenicity	Does not contain any substances known to be carcinogenic.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	Does not contain any substances known to be toxic to reproduction.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	Not classified as a specific target organ toxicant after a single exposure.
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
<u>Aspiration hazard</u>	
Aspiration hazard	Not classified.
<u>General information</u>	
General information	Corrosive to skin and eyes.
Ingestion	Harmful if swallowed. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.
Skin contact	Skin irritation should not occur when used as recommended. Prolonged and frequent contact may cause redness and irritation.
Eye contact	This product is corrosive. A single exposure may cause the following adverse effects: Corneal damage. Severe irritation, burning, tearing and blurred vision.

Toxicological information on ingredients.

PENTAPOTASSIUM BIS(PEROXYMONOSULPHATE) BIS(SULPHATE)

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 500.0

Species Rat

Notes (oral LD₅₀) Harmful if swallowed. REACH dossier information.

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,000.1

Species Rat

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

ATE dermal (mg/kg) 2,000.1

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Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ dust/mist mg/l) 5.1

Species Rat

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met. REACH dossier information.

ATE inhalation (dusts/mists mg/l) 5.1

Skin corrosion/irritation

Skin corrosion/irritation Corrosive to skin. REACH dossier information.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Skin sensitisation

Skin sensitisation Not sensitising. REACH dossier information.

Germ cell mutagenicity

Genotoxicity - in vitro Negative. This substance has no evidence of mutagenic properties.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met. REACH dossier information.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Not classified.

SODIUM DODECYLBENZENESULFONATE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 1,080.0

Species Rat

ATE oral (mg/kg) 1,080.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,001.0

Species Rat

ATE dermal (mg/kg) 2,001.0

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Ecotoxicity Harmful to aquatic life with long lasting effects.

12.1. Toxicity

Toxicity The product contains a substance which is harmful to aquatic organisms.

Ecological information on ingredients.

PENTAPOTASSIUM BIS(PEROXYMONOSULPHATE) BIS(SULPHATE)

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , : 42.3 mg/l, Freshwater fish LC ₅₀ , : 1.09 mg/l, Marinewater fish REACH dossier information.
Acute toxicity - aquatic invertebrates	LC ₅₀ , : 3.5 mg/l, Freshwater invertebrates LC ₅₀ , : 1.18 mg/l, Marinewater invertebrates REACH dossier information.
Acute toxicity - aquatic plants	NOEC, : 0.5 mg/l, Freshwater algae NOEC, : 0.444 mg/l, Marinewater algae REACH dossier information.
Acute toxicity - microorganisms	NOEC, : 108 mg/l, Activated sludge

Chronic aquatic toxicity

Chronic toxicity - fish early life stage	NOEC, 37 days: 0.889 mg/l, Marinewater fish
Chronic toxicity - aquatic invertebrates	NOEC, : 0.267 mg/l, Marinewater invertebrates

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Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , 96 hours: 1.67 mg/l, Lepomis macrochirus (Bluegill)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 2.9 mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product. The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

Ecological information on ingredients.

PENTAPOTASSIUM BIS(PEROXYMONOSULPHATE) BIS(SULPHATE)

Biodegradation The methods for determining the biological degradability are not applicable to inorganic substances.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient No information available.

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Ecological information on ingredients.

PENTAPOTASSIUM BIS(PEROXYMONOSULPHATE) BIS(SULPHATE)

Bioaccumulative potential Expected to have a low potential for adsorption. Not determined: log Kow ≤ 3.

12.4. Mobility in soil

Mobility The product is water-soluble and may spread in water systems.

Ecological information on ingredients.

PENTAPOTASSIUM BIS(PEROXYMONOSULPHATE) BIS(SULPHATE)

Adsorption/desorption coefficient Soil - Koc: <18 @ 20°C REACH dossier information.

Henry's law constant The product is non-volatile.

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.

Ecological information on ingredients.

PENTAPOTASSIUM BIS(PEROXYMONOSULPHATE) BIS(SULPHATE)

Results of PBT and vPvB assessment Substance is inorganic.

12.6. Other adverse effects

Other adverse effects None known.

Ecological information on ingredients.

PENTAPOTASSIUM BIS(PEROXYMONOSULPHATE) BIS(SULPHATE)

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information The generation of waste should be minimised or avoided wherever possible. 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 discharge into drains or watercourses or onto the ground.

Disposal methods This material and its container must be disposed of in a safe way. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Waste packaging should be collected for reuse or recycling. Incineration or landfill should only be considered when recycling is not feasible.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	1759
UN No. (IMDG)	1759
UN No. (ICAO)	1759
UN No. (ADN)	1759

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14.2. UN proper shipping name

Proper shipping name (ADR/RID)	CORROSIVE SOLID, N.O.S. (CONTAINS PENTAPOTASSIUM BIS(PEROXYMONOSULPHATE) BIS(SULPHATE))
Proper shipping name (IMDG)	CORROSIVE SOLID, N.O.S. (CONTAINS PENTAPOTASSIUM BIS(PEROXYMONOSULPHATE) BIS(SULPHATE))
Proper shipping name (ICAO)	CORROSIVE SOLID, N.O.S. (CONTAINS PENTAPOTASSIUM BIS(PEROXYMONOSULPHATE) BIS(SULPHATE))
Proper shipping name (ADN)	CORROSIVE SOLID, N.O.S. (CONTAINS PENTAPOTASSIUM BIS(PEROXYMONOSULPHATE) BIS(SULPHATE))

14.3. Transport hazard class(es)

ADR/RID class	8
ADR/RID classification code	C10
ADR/RID label	8
IMDG class	8
ICAO class/division	8
ADN class	8

Transport labels



14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III
ADN packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

EmS	F-A, S-B
ADR transport category	3
Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

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.

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SECTION 15: Regulatory information

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

National regulations	The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Commission Regulation (EU) No 453/2010 of 20 May 2010. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended). Commission Regulation (EU) No 2015/830 of 28 May 2015.
Guidance	Workplace Exposure Limits EH40. CHIP for everyone HSG228. COSHH Essentials. Approved Classification and Labelling Guide (Sixth edition) L131. Safety Data Sheets for Substances and Preparations.

15.2. Chemical safety assessment

No information available.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	DNEL: Derived No Effect Level. PNEC: Predicted No Effect Concentration. PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative.
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	03/07/2019
Revision	1
SDS number	22033
Hazard statements in full	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. H412 Harmful to aquatic life with long lasting effects.

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.