

SAFETY DATA SHEET

Disinfectant Cleaner RTU

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

1.1 Product Identifier

Product Name	Safe4 Disinfectant Cleaner RTU
Product Number	Various
Container Size	500ml

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

Identified Uses	Water based disinfectant and cleaner
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1.3 Details of the supplier of the safety data sheet

Supplier	Safe Solutions (Safe4) Ltd Bostock Road Winsford Cheshire CW7 3BD +44 1606 591900 info@safe4disinfectant.com
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1.4 Emergency telephone number

Emergency telephone	+44 1606 591900 (Office hours only)
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SECTION 2: Hazards Identification

22.1 Classification of the substance or mixture

Classification

Physical hazards	Not classified
Health hazards	Not classified
Environmental hazards	Not classified

2.2 Label elements

Pictogram

Signal word

Hazard statements

Precautionary statements	P102 Keep out of reach of children. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/ attention. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
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ACCORDING TO EC-REGULATIONS 528/2012 (BPR),
1272/2015 (CLP) & 453/2010 (REACH)

Supplementary precautionary Statements

2.3 Other hazards

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Benzyl Alkyldimethyl Chloride

CAS number: 68424-85-1 EC number: 270-325-2

<1%

Classification

Acute Tox. 3 - H301
Acute Tox. 3 - H311
Skin Corr. 1C - H314
Eye Dam. 1 - H318
Aquatic Acute 1 - H400

Polyhexamethylene biguanide hydrochloride

CAS number: 27083-27-8/ 32289-58-0 EC number: N/A

<0.1%

Classification

Acute Tox. 4 - H302
Eye Dam. 1 - H318
Skin Sens. 1B - H317
Acute Tox. 2 - H330
Carc. 2 - H351
STOT RE 1 - H372 (respiratory tract) (Inhalation)
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

Alkyl C9-C11 Ethoxylate

CAS number: 68439-45-2 EC number: 614-481-5

<0.5%

Classification

Not Classified

Dipropylene glycol monomethylether

CAS number: 34590-94-8 EC number: 252-104-2

<0.5%

Classification

Not Classified

Ethylene Diamine Tetra Acetate

CAS number: 64-02-8 EC number: 200-573-9

<0.5%

Classification

Acute Tox. 4 – H302
Eye Dam. 1 – H318

Phosphoric Acid

CAS number: 7664-38-2 EC number: 231-633-2

<0.1%

Classification

Skin Corr. 1B – H314

ACCORDING TO EC-REGULATIONS 528/2012 (BPR),
1272/2015 (CLP) & 453/2010 (REACH)

Water CAS number: 7732-18-5 EC number: 231-791-2	>95%
Classification Not Classified	

The full text for all Precautionary Phrases and Hazard Statements are displayed in Section 16

SECTION 4: First Aid Measures

4.1 Description of first aid measures

Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. If breathing stops, provide artificial respiration. Place unconscious person on their side in the recovery position and ensure breathing can take place. Get medical attention immediately.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse with water for at least 15 minutes and get medical attention promptly.

4.2 Indication of any immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Use any fire-extinguishing media suitable for the surrounding fire.

5.2 Special hazards arising from the substance or mixture

Specific hazards Material is not flammable

5.3 Advice for firefighters

Protective equipment Use protective equipment appropriate for surrounding materials

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions Do not allow product to enter eyes.

6.2 Environmental Precautions

Environmental precautions N/A

6.3. Methods and material for containment and cleaning up

Methods for cleaning Absorb large spillages with any suitable medium. Flush away small spillages with plenty of water. Dispose of contents/container in accordance with local regulations.

6.4. Reference to other sections

Reference to other Sections For personal protection, See Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Usage precautions Do not handle until all safety precautions have been read and understood.

7.2 Conditions for safe storage, including any incompatibilities

Storage precautions Store in a cool and well-ventilated place. Keep container tightly closed. Keep from freezing.

ACCORDING TO EC-REGULATIONS 528/2012 (BPR),
1272/2015 (CLP) & 453/2010 (REACH)

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits No data available

8.2 Exposure controls

Protective equipment

Appropriate engineering N/A

Controls

Eyes/face protection N/A

Hand protections N/A

Other skin and body N/A.

Respiratory protection

SECTION 9: Physical and Chemical Properties

Appearance	Liquid.
Colour	Green/Blue/Purple/Clear
Odour	Apple/Mint/Lavender/Odourless
Odour threshold	No information available.
pH	pH (concentrated solution): 7-8
Melting point	0 °C
Initial boiling point and range	> 100°C @ 760 mm Hg
Flash point	> 100°C
Evaporation rate	No information available.
Evaporation factor	No information available.
Flammability (solid, gas)	Not flammable.
Upper/lower flammability or explosive limits	No information available.
Other flammability	No information available.
Vapour pressure	No information available.
Vapour density	No information available.
Relative density	1.010 @ 20°C
Bulk density	No information available.
Solubility(ies)	Soluble in water.
Partition coefficient	No information available.
Auto-ignition temperature	> 210°C
Decomposition Temperature	No information available.
Viscosity	75 mPa s @ 20°C
Explosive properties	Not explosive.

ACCORDING TO EC-REGULATIONS 528/2012 (BPR),
1272/2015 (CLP) & 453/2010 (REACH)

Explosive under the influence of a flame No information available.

Oxidising properties Not oxidising.

9.2. Other information

Refractive index No information available.

Particle size No information available.

Saturation concentration No information available.

Critical temperature No information available.

Volatile organic compound No information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Reactivity Stable under recommended transport or storage conditions

10.2 Chemical stability

Stability Stable under prescribed storage conditions

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 Extremes of temperature

10.5 Incompatible materials

Incompatible materials N/A

10.6 Hazardous decomposition products

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicological effects N/A

SECTION 12: Ecological information

12.1 Toxicity

Persistence and degradability The product is readily biodegradable.

12.3 Bioaccumulative potential

Bioaccumulative potential This substance has no potential for bioaccumulation.

Partition coefficient No information available.

12.4 Mobility in soil

Mobility Predicted to have high mobility in soil as the product is soluble in water.

ACCORDING TO EC-REGULATIONS 528/2012 (BPR),
1272/2015 (CLP) & 453/2010 (REACH)

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

12.6 Other adverse effects

SECTION 13: Disposal considerations

13.1 Waste treatment methods

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. Small quantities may be flushed away with water.

SECTION 14: Transport information

14.1 UN number

UN no. Not classified

14.2 UN proper shipping name

Proper shipping name Not classified
(ADR/RID)

14.3 Transport hazard class(es)

Transport hazard class Not classified

14.4 Packing group

Packing group Not classified

14.5 Environmental hazards

Environmentally hazardous Not classified
substance/marine pollutant

14.6 Special precautions for user

Special precautions N/A

14.7 Transport in bulk according to Annex II of MARPOL73/78 and IBC Code

Transport in bulk according to N/A
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 Regulation (EC) No 1272/2015 of the European Parliament and the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended)

15.2 Chemical safety assessment

No chemical safety assessment has been carried out

ACCORDING TO EC-REGULATIONS 528/2012 (BPR),
1272/2015 (CLP) & 453/2010 (REACH)

SECTION 16: Other information

General information

Hazard statements in full

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 themselves as to the suitability of such information for their own particular use.