SAFETY DATA SHEET
Virabact Red RTU

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

1.1. Product identifier

Product name Virabact Red RTU

Container size 6x750mL, 2x5L

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

Identified uses Cleaner & sanitizer.

1.3. Details of the supplier of the safety data sheet

Supplier

Cleenol Group Ltd
Neville House
Beaumont Road
Banbury
Oxon OX16 1RB
UK
Tel: +44 (0)1295 251721
sales@cleenol.co.uk

1.4. Emergency telephone number

Emergency telephone 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 (UK only).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Hazard statements H412 Harmful to aquatic life with long lasting effects.

Precautionary statements P273 Avoid release to the environment.
P501 Dispose of contents/ container in accordance with national regulations.

Biocide Labelling Contains active substance: Quaternary ammonium compounds, benzyl (C12 - C16) alkyl dimethyl,
chlorides

2.3. Other hazards

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

2-AMINOETHANOL **<1%**

CAS number: 141-43-5 EC number: 205-483-3 REACH registration number: 01-2119486455-28-XXXX

Classification
Acute Tox. 4 - H302
Acute Tox. 4 - H312
Acute Tox. 4 - H332
Skin Corr. 1B - H314
Eye Dam. 1 - H318
STOT SE 3 - H335

QUATERNARY AMMONIUM COMPOUNDS, BENZYL (C12 - C16) ALKYL DIMETHYL, CHLORIDES **<1%**

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

M factor (Acute) = 10 M factor (Chronic) = 1

Classification
Acute Tox. 4 - H302
Skin Corr. 1A - H314
Eye Dam. 1 - H318
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

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

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Unlikely route of exposure as the product does not contain volatile substances.

Ingestion Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if a large quantity has been ingested.

Skin contact Rinse with water.

Eye contact Remove any contact lenses and open eyelids wide apart. Rinse with water.

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

Inhalation No adverse effects known.

Ingestion No harmful effects expected from quantities likely to be ingested by accident. No adverse effects known.

Skin contact May be slightly irritating to skin.

Eye contact No adverse effects known. May be slightly irritating to eyes.

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

Notes for the doctor No specific recommendations.

Specific treatments Treat symptomatically.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

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

Unsuitable extinguishing media None known.

5.2. Special hazards arising from the substance or mixture

Specific hazards Irritating gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting Fight fire with normal precautions from a reasonable distance.

Special protective equipment for firefighters 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 touch or walk into spilled material. Take care as floors and other surfaces may become slippery.

6.2. Environmental precautions

Environmental precautions Avoid discharge to the aquatic environment. Avoid contamination of ponds or watercourses with washing down water.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb in vermiculite, dry sand or earth and place into containers. Discharge of small quantities to the sewer with plenty of water may be permitted.

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 For professional users only. Avoid contact with eyes and prolonged skin contact.

Advice on general occupational hygiene Wash contaminated skin thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep only in the original container. Keep container tightly sealed when not in use. Store at temperatures between 0°C and 40°C.

Storage class Chemical storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2. Refer to Product Use Guide (PUG) for further information.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

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2-AMINOETHANOL

Long-term exposure limit (8-hour TWA): WEL 3 ppm 7.6 mg/m³
Short-term exposure limit (15-minute): WEL 6 ppm 15 mg/m³
WEL = Workplace Exposure Limit.

8.2. Exposure controls

Protective equipment

Appropriate engineering controls	No specific ventilation requirements.
Eye/face protection	No specific eye protection required during normal use. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.
Hand protection	For users with sensitive skin, it is recommended that suitable protective gloves are worn. Wear protective gloves made of the following material: Nitrile rubber. Rubber (natural, latex).
Hygiene measures	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.
Respiratory protection	Respiratory protection not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Red.
Odour	Characteristic.
pH	pH (concentrated solution): ~11
Flash point	Estimated value. > 100°C
Relative density	~ 1.002 @ 20°C

9.2. Other information

Refractive index	1.5

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 and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No potentially hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid No specific requirements are anticipated under normal conditions of use.

10.5. Incompatible materials

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Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Information given is based on data of the components and of similar products.

General information The product is not believed to present a hazard due to its physical nature.

SECTION 12: Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

12.1. Toxicity

Toxicity Harmful to Aquatic Organisms

12.2. Persistence and degradability

Persistence and degradability The product contains substances which are not expected to be biodegradable. The product is more than 80% biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential Based on available data the classification criteria are not met.

12.4. Mobility in soil

Mobility Soluble in water.

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 None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Discharge of small quantities to the sewer with plenty of water may be permitted.

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.

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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 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

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date	25/01/2021
Revision	1
SDS number	21439
Hazard statements in full	H302 Harmful if swallowed. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H332 Harmful if inhaled. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.