



SAFETY DATA SHEET

414601 - VIRABACT® MULTI-SURFACE CLEANER RTU

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

1.1. Product identifier

| | |
|--------------------------------|---|
| Product name | 414601 - VIRABACT® MULTI-SURFACE CLEANER RTU |
| Internal identification | 064VBACT, 064VB6X750, 064VB500/6, 064VB750/6 2x5L, |
| Container size | 6x750ml, 6x500ml, 6x750ml HD Refill Flask |

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

| | |
|------------------------|--|
| Identified uses | Disinfectant. Cleaning agent. Conforms to BS EN 14476:2013+A2:2019 Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of virucidal activity in the medical area- Test method and requirements (Phase 2/Step 1). Effective against all enveloped viruses, including Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) - the virus strain that causes Coronavirus disease 2019 (COVID-19). Effective against Pseudomonas aeruginosa, Escherichia coli, Staphylococcus aureus and Enterococcus hirae after 5 minutes contact time. |
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1.3. Details of the supplier of the safety data sheet

| | |
|-----------------|--|
| Supplier | KFSD Limited. 67 Weir Road London SW19 8UG Tel: 02089712012 Fax: 02089712005 |
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1.4. Emergency telephone number

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| 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). In Norway, contact the Norwegian Poison Information Centre (+47) 22 59 13 00 if you suspect poisoning. You will talk to a poison expert, and enquiries can be conducted in English if necessary. In case of serious or life threatening symptoms, call 113 for help. |
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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 | Not Classified |

2.2. Label elements

| | |
|--------------------------|-------------------|
| Hazard statements | NC Not Classified |
|--------------------------|-------------------|

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| Biocide Labelling | Contains active substance: Quaternary ammonium compounds, benzyl (C12 - C16) alkyl dimethyl, chlorides |
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2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| | |
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| Composition comments | None of the ingredients are required to be listed. |
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SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
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| Inhalation | Move affected person to fresh air at once. |
| Ingestion | Give a few small glasses of water or milk to drink. |
| 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 adverse effects known. |
| Skin contact | No adverse effects known. |
| Eye contact | No adverse effects known. |

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

| | |
|-----------------------------|------------------------------|
| Notes for the doctor | No specific recommendations. |
| Specific treatments | Treat symptomatically. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

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| Suitable extinguishing media | Use fire-extinguishing media suitable for the surrounding fire. The product is not flammable. |
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5.2. Special hazards arising from the substance or mixture

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|--------------------------------------|------------------------------|
| Specific hazards | None known. |
| Hazardous combustion products | Irritating gases or vapours. |

5.3. Advice for firefighters

| | |
|--|--|
| Protective actions during firefighting | No specific firefighting precautions known. |
| Special protective equipment for firefighters | Use protective equipment appropriate for surrounding materials. 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

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| Personal precautions | Avoid contact with eyes. Take care as floors and other surfaces may become slippery. Do not touch or walk into spilled material. |
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6.2. Environmental precautions

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Environmental precautions Avoid or minimise the creation of any environmental contamination.

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. Flush contaminated area with plenty of water. Avoid contamination of ponds or watercourses with washing down water.

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 No specific requirements are anticipated under normal conditions of use.

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.

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

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

SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit.

DISODIUM METASILICATE (CAS: 10213-79-3)

| | |
|-------------|---|
| DNEL | Workers - Dermal; Long term : 1.49 mg/kg/day |
| | Workers - Inhalation; Long term : 6.22 mg/m ³ |
| | Consumer - Dermal; Long term : 0.74 mg/kg/day |
| | Consumer - Inhalation; Long term : 1.55 mg/m ³ |
| | Consumer - Oral; Long term : 0.74 mg/kg/day |
| | |

| | |
|-------------|---------------------------------------|
| PNEC | Fresh water; 7.5 mg/l |
| | marine water; 1 mg/l |
| | Water, Intermittent release; 7.5 mg/l |
| | STP; 1000 mg/l |

8.2. Exposure controls

Protective equipment



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.

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| | |
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| Hand protection | Hand protection not required. |
| Hygiene measures | No specific requirements are anticipated under normal conditions of use. |
| Respiratory protection | No specific requirements are anticipated under normal conditions of use. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|---|
| Appearance | Clear liquid. |
| Colour | Colourless. |
| Odour | Almost odourless. |
| pH | pH (concentrated solution): 10.2 |
| Initial boiling point and range | 100°C |
| Flash point | Not applicable. |
| Relative density | ~ 1.002 @ 20°C |
| Solubility(ies) | Soluble in water. |
| Auto-ignition temperature | Not applicable. |
| Decomposition Temperature | Not determined. |
| Viscosity | Non-viscous. |
| Oxidising properties | Does not meet the criteria for classification as oxidising. |

9.2. Other information

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|----------------------------------|--|
| Refractive index | 0.8 - 1.0 |
| Volatile organic compound | This product contains a maximum VOC content of <1 %. |

SECTION 10: Stability and reactivity

10.1. Reactivity

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| Reactivity | There are no known reactivity hazards associated with this product. |
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10.2. Chemical stability

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| Stability | Stable at normal ambient temperatures. |
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10.3. Possibility of hazardous reactions

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|---|---|
| Possibility of hazardous reactions | No potentially hazardous reactions known. |
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10.4. Conditions to avoid

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|----------------------------|--|
| Conditions to avoid | No specific requirements are anticipated under normal conditions of use. |
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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. |
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10.6. Hazardous decomposition products

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|---|---|
| Hazardous decomposition products | Does not decompose when used and stored as recommended. |
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SECTION 11: Toxicological information

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11.1. Information on toxicological effects

Toxicological effects No information available.

Skin corrosion/irritation

Skin corrosion/irritation May be slightly irritating to skin.

Serious eye damage/irritation

Serious eye damage/irritation Slightly irritating.

Inhalation

Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.

Ingestion

May cause discomfort if swallowed.

Skin contact

Liquid may irritate skin.

Eye contact

May be slightly irritating to eyes.

SECTION 12: Ecological information

Ecotoxicity

Not regarded as dangerous for the environment.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability Moderately biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

Mobility

The product is 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

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.

14.2. UN proper shipping name

Not applicable.

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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

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).

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 (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products (as amended).

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).

Guidance

EH40/2005 Workplace exposure limits

Containing the list of workplace exposure limits for use with the Control of Substances Hazardous to Health Regulations 2002 (as amended)

Health and Safety Executive

15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

SECTION 16: Other information

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|------------------------|--------------------|
| Issued by | Regulatory Chemist |
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| Revision | 4 |
| Supersedes date | 30/03/2020 |
| SDS number | 21238 |

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