



## SAFETY DATA SHEET

### VIRABACT MULTI-SURFACE CLEANER

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

##### 1.1. Product identifier

<b>Product name</b>	VIRABACT MULTI-SURFACE CLEANER
<b>Internal identification</b>	HY128
<b>Container size</b>	5L

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

<b>Identified uses</b>	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

<b>Supplier</b>	Autogem Invicta Limited Autogem House Abbey Road Park Royal London N10 7GJ  Tel : +44 (0)208 838 0910 sales@autogem.co.uk
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##### 1.4. Emergency telephone number

<b>Emergency telephone</b>	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)

<b>Physical hazards</b>	Not Classified
<b>Health hazards</b>	Not Classified
<b>Environmental hazards</b>	Not Classified

##### 2.2. Label elements

<b>Hazard statements</b>	NC Not Classified
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### Biocide Labelling

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

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Composition comments          None of the ingredients are required to be listed.

#### SECTION 4: First aid measures

### 4.1. Description of first aid measures

**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

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

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

**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

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

### 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/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 6 ppm 15 mg/m<sup>3</sup>

#### SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

#### DISODIUM METASILICATE (CAS: 10213-79-3)

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

<b>PNEC</b>	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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<b>Hand protection</b>	Hand protection not required.
<b>Hygiene measures</b>	No specific requirements are anticipated under normal conditions of use.
<b>Respiratory protection</b>	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

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

#### 9.2. Other information

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

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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#### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	No potentially hazardous reactions known.
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#### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	No specific requirements are anticipated under normal conditions of use.
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#### 10.5. Incompatible materials

<b>Materials to avoid</b>	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

<b>Hazardous decomposition products</b>	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

<b>Issued by</b>	Regulatory Chemist
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