

SAFETY DATA SHEET

According to COMMISSION REGULATION (EU) 2020/878 (as amended)

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

1.1 Product Identifier

Product Name: Vivactive L601  
 Unique Formula Identifier (UFI): Not required – formula is not hazardous  
 Synonyms: 21022321 – Hand & Surface Antibacterial Wipes (50s)  
 SDS Number (No.): L601  
 EC No. See sections 2 and 3  
 CAS No. See sections 2 and 3  
 REACH Registration No. See sections 2 and 3

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

Identified uses: Fragranced Antibacterial Hand & Surface Wipes, Biocidal product PT1 (human hygiene)  
 Biocidal product PT2 (hard surfaces, including health care)  
 Uses advised against: All except those identified above.

1.3 Details of the supplier of the safety datasheet

Supplier Name: Vivactive Limited,  
 Supplier Address: Vivactive House,  
 Unit 3 Hollinswood Court,  
 Telford,  
 TF3 3DE.  
 U.K.  
 Telephone No. T: +44 (0) 1952 913112  
 E-mail Address: healthpurchasing@vivactive.com  
 National Contact: healthpurchasing@vivactive.com

1.4 Emergency telephone number

Telephone No. T: +44 (0) 1280 416 070  
 Availability: 09:00 – 17:00 (UK time)

**SECTION 2: HAZARDS IDENTIFICATION**

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP): This product does not meet the criteria for classification.

2.2 Label elements

Hazard Pictogram(s): Not required.  
 Signal Word: Not required.  
 Hazard Statement(s): Not required.  
 Supplemental Information (EUH): None.  
 Precautionary Statement(s): P101 - If medical advice is needed, have product container or label at hand.  
 P102 - Keep out of reach of children.  
 P103 - Read label before use.  
 Supplementary Precautionary Statement(s) (not on Label): None.

Contains: Not required. No substance within this product contributes a hazard to this mixture.

Active Substance: 6g/kg, Didecyldimethylammonium chloride, CAS # 7173-51-5

Nanomaterials: Not required, this product does not contain any nanomaterials.

UFI: Not required to be declared on the label of non-Hazardous products.

### 2.3 Other hazards

This product does not contain any PBT or vPvB substances. There are no substance of very high concern (SVHCs) present in this product.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures:

#### Declarable component(s):

Chemical	%	Harmonise Classifications
Monopropylene Glycol [Propane-1,2-diol] CAS: 57-55-6, EC: 200-338-0 REACH: 01-2119456809-23-XXXX	<3%	Not classified.
Didecyldimethylammonium chloride CAS: 7173-51-5, EC: 230-525-2 REACH: 01-2119945987-15-XXXX	=/<0.6%	Acute Tox. 4 H302 Harmful if swallowed. Skin Corr. 1B H314 Causes severe skin burns and eye damage. Eye Dam. 1 H318 Causes serious eye damage. Aquatic Acute 1 H400 Very toxic to aquatic life (M=10) Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.
Levulinic acid [4-oxovaleric acid] CAS: 123-76-2, EC: 204-649-2 REACH: 01-2120116230-78-XXXX	<0.25%	Acute Tox. 4 H302 Harmful if swallowed. Skin Sens. 1 H317 May cause an allergic skin reaction* Eye Dam. 1 H318 Causes serious eye damage.  *see section 11 for further details.
Fragrance	<0.05%	Not hazardous.

**Exposure Limits:** Monopropylene glycol, see section 8.

**REACH status:** All components are registered.

**Nanoforms:** this product does not contain nanomaterials.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

#### General information

Remove victim immediately from source of exposure. Get medical attention if any discomfort continues.

#### Inhalation

No measures are noted.

#### Ingestion

Clean mouth with water and drink plenty of water. Never give anything by mouth to an unconscious person. Seek medical attention.

#### Skin contact

This product is intended for use on skin. If irritation occurs stop use, and seek medical advice.

#### Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If discomfort persists: continue flushing during transport to hospital. Bring these instructions.

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

##### **General information**

May cause discomfort or irritation to eyes.

##### **Inhalation**

Unlikely due to the form of the product.

##### **Ingestion**

May cause discomfort if swallowed.

##### **Skin contact**

Sensitive individuals may experience minor reactions. Cease using product should this occur.

##### **Eye contact**

May cause discomfort or irritation to eyes. Redness.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY! Treat Symptomatically.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

##### **Extinguishing media:**

Water spray, carbon dioxide, dry chemical and foam.

##### **Unsuitable extinguishing media:**

Do not use water jet as an extinguisher, as this will spread the fire.

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

##### **Hazardous combustion products:**

This product might liberate irritating and harmful gases during combustion.

##### **Unusual Fire & Explosion**

**Hazards:** None known.

#### 5.3 Advice for firefighters

Wear self-contained breathing apparatus and protective clothing. Collect contaminated fire extinguishing water. DO NOT discharge contaminated water to the drains.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid handling which leads to eye contact.

#### 6.2 Environmental precautions

Avoid releasing this product into the environment, municipal sewer systems, water ways.

#### 6.3 Methods and material for containment and cleaning up

Collect and dispose of according to waste disposal regulations.

#### 6.4 Reference to other sections

For waste disposal, see section 13.

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Observe good chemical hygiene practices (see section 8 of SDS for guidance). Avoid eye exposure. Sensitized individuals may experience a reaction to this product & cease using should this occur.

#### Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool, and well-ventilated place. It is recommended to store above 10°C, do not allow the product to become frozen. Avoid direct sunlight.

## 7.2 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

#### Exposure limit(s): EH40 (UK WEL)

EH40 lists a WEL for Monopropylene Glycol (CAS No. 57-55-6), in vapour or particulate form. The form and intended use of this product (skin application), will not result in a significant concentration of airborne particulates/vapours of MPG, the vapour pressure of MPG is provided in section 9; Monopropylene Glycol does not readily vaporise.

Substance	CAS number	Workplace exposure limit				Comments
		Long-term exposure limit (8 hour TWA reference period)		Short-term exposure limit (15-minute reference period)		
		ppm	mg.m <sup>-3</sup>	ppm	mg.m <sup>-3</sup>	
Propane-1,2-diol* total vapour & particulates * monopropylene glycol	57-55-6	150	474	-	-	-
		-	10	-	-	

### 8.2 Exposure controls

#### Protective equipment

None required.

#### Process conditions. Engineering measures. Respiratory equipment:

Not required under normal conditions of use.

#### Hand protection

No special measures are required.

#### Eye protection

Prevent eye contact by suitable means. No special measures are required.

#### Hygiene measures

Handle and apply in accordance with good hygiene and safety practices.

#### Skin protection

No special measures noted. Product is intended for skin use.

#### Environmental Hazard Controls

Dispose of according to section 13.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Physical State:</b>	Wipes in a cleansing liquid.
<b>Colour</b>	White/translucent liquid
<b>Odour</b>	This product is not perfumed/fragranced.
<b>Melting/freezing point</b>	0°C (water)
<b>Boiling point or initial boiling point and range</b>	100°C (water)
<b>Flammability</b>	Not classified for flammability. The product will not readily ignite due to saturation with the aqueous cleansing solution.
<b>Lower and upper explosion limit</b>	The product is not explosive, nor flammable.
<b>Flash point (°C)</b>	Data are not available for the mixture. 104°C (monopropylene glycol)
<b>Auto Ignition Temperature (°C)</b>	Data are not available for the mixture. 400°C (monopropylene glycol)
<b>Decomposition temperature (°C)</b>	No data available at the time of writing or because it is not applicable due to the nature and classification of the product.
<b>pH</b>	4.8-5.2
<b>Kinematic viscosity</b>	Data are not determined for the mixture itself. >50 mm <sup>2</sup> /s (monopropylene glycol)
<b>Solubility</b>	This product is miscible in water.
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined. Does not apply to mixtures.
<b>Vapour Pressure</b>	Water: 17.5 mmHg (20°C); Monopropylene glycol: 0.07 mmHg (20°C). Low vapour release (1 atm =760 mmHg)
<b>Density</b>	~1 g/cm <sup>3</sup> at 20°C (water); 1.0361 g/cm <sup>3</sup> at 20°C (monopropylene glycol)

**Relative vapour density (air:1)** 2.62 (monopropylene glycol)  
**Particle characteristics** Only applicable to solids.

## 9.2 Other information

**Other hazards** There are no other physical hazards relevant to the safe use of the product.  
**Wipe/Mitt Substrate:** Non-woven fabrics  
**Cleansing Solution:** Antibacterial, non-alcohol cleansing solution

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No reactivity hazards known.

### 10.2 Chemical Stability

This product is stable under the prescribed conditions of storage and use.

### 10.3 Possibility of hazardous reactions

Avoid freezing.

### 10.4 Conditions to avoid

None are noted.

### 10.5 Incompatible materials

Alkalis and oxidisers.

### 10.6 Hazardous decomposition products

Carbon Oxides, Silicon dioxide.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### **General Summary:**

This mixture is not classified according to EU CLP. A toxicological risk assessment has concluded that the cleansing solution provides users with a product that meets the required standards for safety. This product complies with the requirements of the Biocidal Products Regulation 528/2012 (EU BPR).

Acute Toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation;	Components classified as H302, total less than 1% of this product. This product has been dermatologically tested.
Serious eye damage/irritation	Based on calculation method, the criteria for classification are not met.
Respiratory or skin sensitisation	Based on calculation method, the criteria for classification are not met. Based on available data, the classification criteria are not met. Levulinic acid [4-oxovaleric acid], CAS: 123-76-2, - low sensitisation potential (DPRA,OECD 442C; HRIPT).

#### **Product considerations:**

Likely Routes of Exposure:	Skin contact. Eye contact.
Ingestion:	The liquor may cause discomfort to the mouth and gastro-intestinal-tract.
Inhalation:	No symptoms noted.
Skin contact:	Intended for skin use. Repeated skin exposure may cause contact dermatitis.
Eye contact:	May cause moderate irritation, reddening.
Existing medical conditions:	This product might aggravate existing skin conditions.

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

This product contains, at very low concentrations, ingredients that are harmful to aquatic life.

### 12.1 Toxicity

For this product- Based on available data the classification criteria are not met.

### 12.2 Persistence and degradability

Chemicals within this product will persist with the environment.

### 12.3 Bioaccumulative potential

The product is not expected to bio-accumulate

### 12.4 Mobility in soil

Not data available.

### 12.5 Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

### 12.6 Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### **General information**

Empty cases or primary packaging does not require special handling.

### 13.1 Waste treatment methods

Dispose of product in accordance with national & local regulations: via landfill, or by incineration. Packaging is often recycled where facilities exist.

For the Healthcare Industry, chemical residues, biocides and infectious substances generated as a result of patient care may require classification as clinical/hazardous waste.

Waste disposal is regulated in the EC member countries through corresponding laws and regulation. In the UK, we recommend that you consult the List of Wastes available through the Environment Agency. In other countries, contact either the authorities or approved waste disposal companies for advice on disposal of used waste.

## SECTION 14: TRANSPORT INFORMATION

This product is not classified as hazardous (ARD/RID, IATA, IMDG).

### 14.1 UN number

Not applicable.

### 14.2 UN proper shipping name

Not applicable.

### 14.3 Transport hazard class(es)

Not applicable.

### 14.4 Packing group

Not applicable.

### 14.5 Environmental hazards

Environmentally Hazardous Substance Marine Pollutant: Not applicable.

### 14.6 Special precautions for user

Not applicable.

### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Not applicable.

## SECTION 15: REGULATORY INFORMATION

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

#### **UK Legislation**

- The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007). Health and Safety at Work Act (As Amended) 1974
- EH40 UK WEL (Work Place Exposure Limits)

#### **EU Legislation**

- Complies with the requirements of the Biocidal Products Regulation 528/2012 (EU BPR)
- 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.  
-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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.  
- COMMISSION REGULATION (EU) 2020/878 (as amended)

#### 15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out for the product. Individual components have been assessed as necessary as part of the REACH registration process.

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### SECTION 16: OTHER INFORMATION

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<b>Creation Date</b>	17 <sup>th</sup> April 2023
<b>Revision Date</b>	-
<b>Revision Number</b>	0 (changes are indicated in the left-hand margin)

#### **Disclaimer.**

This information is based on our present state of knowledge. It should therefore not be construed as guaranteeing specific properties of the product described or its suitability for a particular use.