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**SAFETY DATA SHEET**

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

- Product Name: Invirtu Alcohol-Free Hand Foam Sanitiser
- UFI: N/A
- Product Part Number: B3009/02

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

- Use of the substance/mixture: Disinfectant (PT 1)

**1.3 Details of the supplier of the safety data sheet**

- Name of Supplier: Byotrol
- Address of Supplier: Building 303 (Ashton),  
Thornton Science Park,  
Pool Lane, Ince, Chester,  
CH2 4NU
- Telephone: +44 (0) 1925 742 000
- Email: Info@byotrol.com
- Name of Supplier: (Ireland) Smart Antimicrobial Technologies Limited
- Address of Supplier: (Ireland) Trident House, Dublin Road, Naas, Kildare, Ireland

**1.4 Emergency telephone number**

- UK Emergency Telephone: In case of a medical emergency following exposure to a chemical, the public should call NHS Direct on 111
- Ireland Emergency Telephone: Irish National Poisons Information Centre Tel: +353 (0) 18 09 21 66. The opening times of The Irish Poisons Information Centre are 8am to 10pm.
- Malta Emergency Telephone: + 356 (0) 25 45 40 30

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**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

- CLP: Not Classified

**2.2 Label elements**

- Signal Word: N/A

**2.2.1 Hazard statements****2.2.2 Precautionary statements****2.3 Other hazards**

- This product does not contain any substances classified as PBT or vPvB
  - Product does not contain any substances known to be endocrine disruptors
- Active Ingredients: Didecyltrimethylammonium Chloride (0.18% w/w), Chlorhexidine Digluconate (0.06% w/w)



## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### 4.1.1 Inhalation

Not expected to present a significant inhalation hazard under the anticipated conditions of normal use.

#### 4.1.2 Ingestion

Rinse mouth.

Give plenty of water to drink

Do NOT induce vomiting.

Never give anything by mouth to an unconscious person

Get medical advice/attention if you feel unwell.

#### 4.1.3 Contact with skin

Skin irritation should not occur when used as recommended. Wash with plenty of water.

#### 4.1.4 Contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

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

#### 4.2.1 Inhalation

Not hazardous

#### 4.2.2 Ingestion

The ingestion of significant quantities may cause gastro-intestinal disturbances

#### 4.2.3 Contact with skin

Product considered to be low hazard under normal conditions of use

May cause allergic reaction in susceptible people

#### 4.2.4 Contact with eyes

Product considered to be low hazard under normal conditions of use

May cause irritation

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

- Treat symptomatically
  - When in doubt or symptoms persist, seek medical attention
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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

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

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## SECTION 5: Firefighting measures (....)

- No hazard expected under normal conditions of use

### 5.3 Advice for firefighters

- Fight fire with normal precautions from a reasonable distance.
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## SECTION 6: Accidental release measures

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

- No special precautions are required for this product

### 6.2 Environmental precautions

- No special precautions are required for this product

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

- No special precautions are required for this product

### 6.4 Reference to other sections

- For personal protection, see Section 8. For waste disposal, see Section 13.
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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Do not eat, drink or smoke when using this product.

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

- Keep out of reach of children
- Store at ambient temperature
- Store in a closed container.
- Store out of sunlight.
- Protect from frost
- Protect from heat
- Incompatibility with other materials: None

### 7.3 Specific end use(s)

- See Section 1.2
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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

- There are no recommended or established controls for this product

### 8.2 Exposure controls

- No special precautions are required for this product
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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Physical state: Liquid
  - Colour: Colourless to pale yellow
  - Odour: Characteristic odour
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## SECTION 9: Physical and chemical properties (....)

- Melting point/Range: Not available
  - Boiling Point/Range: >93 °C at 20 mm /Hg
  - Flammability: Not flammable
  - pH: 5.00-7.00
  - Solubility in water: Not applicable
  - Density: 0.990-1.020 g/cm<sup>3</sup> at 20 °C
  - Flashpoint: >93°C
  - Autoignition Temperature: Not applicable\*
  - Decomposition temperature: Not applicable\*
  - Explosive Properties: Not applicable\*
  - Kinematic viscosity: Not applicable\*
  - Partition coefficient : n-Octanol/water - not known
  - Vapour pressure - not known
  - Relative vapour density: Not applicable\*
  - Particle characteristics: Not applicable\*
- \* Not relevant due to the nature of the product

### 9.2 Other information

- None
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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

### 10.2 Chemical stability

- Considered stable under normal conditions

### 10.3 Possibility of hazardous reactions

- Stable under normal ambient conditions and when used as recommended

### 10.4 Conditions to avoid

- Keep away from heat

### 10.5 Incompatible materials

- Incompatibility with other materials:

### 10.6 Hazardous decomposition products

- No decomposition if stored normally
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## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### 11.1.1 Acute toxicity

- Estimated LD<sub>50</sub> (oral) (ATE) : 55555.55 mg/kg
- Estimated LD<sub>50</sub> (dermal) (ATE) : >4000 mg/kg
- Estimated LD<sub>50</sub> (inhalational) (ATE) : >20 mg/l/4hr (gas/vapour)

#### 11.1.2 Skin corrosion/irritation

**SECTION 11: Toxicological information (....)**

Not hazardous

**11.1.3 Serious eye damage/irritation**

No information available

Not hazardous

**11.1.4 Respiratory or skin sensitisation**

No experimental data available

**11.1.5 Germ cell mutagenicity**

No evidence of mutagenic effects

**11.1.6 Carcinogenicity**

No experimental data available

**11.1.7 Reproductive toxicity**

No evidence of reproductive effects

**11.1.8 STOT (specific target organ toxicity) - single exposure**

No experimental data available

**11.1.9 STOT (specific target organ toxicity) - repeated exposure**

No experimental data available

**11.1.10 Aspiration hazard**

No aspiration toxicity classification

**11.2 Information on other hazards**

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**SECTION 12: Ecological information****12.1 Toxicity**

- No experimental data available

**12.2 Persistence and degradability**

- Expected to be readily biodegradable

**12.3 Bioaccumulative potential**

- Low bioaccumulation potential

**12.4 Mobility in soil**

- Completely soluble in water  
- miscible with water

**12.5 Results of PBT and vPvB assessment**

- This product does not contain any substances classified as PBT or vPvB

**12.6 Endocrine disrupting properties**

- Product does not contain any substances known to be endocrine disruptors

**12.7 Other adverse effects**

- Toxic to sewage works organisms



## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

- Dispose of contents/container in accordance with national regulations
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## SECTION 14: Transport information

### 14.1 UN number or ID number

- UN No.: Not applicable

### 14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

### 14.3 Transport hazard class(es)

- Hazard Class: N/A

### 14.4 Packing group

- Packing Group: N/A

### 14.5 Environmental hazards

- On available data, substance is not harmful to the environment

### 14.6 Special precautions for user

- No special precautions are required for this product

### 14.7 Maritime transport in bulk according to IMO instruments

- Not applicable
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## SECTION 15: Regulatory information

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

- This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878
- Refer to current CLP Regulations
- Refer to current ADR Regulations
- Refer to current BPR regulations
- Water Hazard Class (Company): Not hazardous

### 15.2 Chemical safety assessment

- This product is either exempt from REACH or does not meet the minimum volume threshold for a chemical safety assessment (CSA)
  - This Safety Data Sheet does not constitute a workplace risk assessment
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## SECTION 16: Other information

**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 himself as to the suitability of such**

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**SECTION 16: Other information (....)**

information for his own particular use.