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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: PROCESSUS Pre-clean Instrument Spray
- UFI: N/A
- Product Part Number: B3016.02

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

- Use of the substance/mixture: Pre-clean Instrument Spray

#### 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

EUH208 - Contains 1,2-benzisothiazolin-3-one, 2-methylisothiazol-3(2H)-one. May produce an allergic reaction.

##### 2.2.2 Precautionary statements

P102 - Keep out of reach of children.

P101 - If medical advice is needed, have product container or label at hand.



## SECTION 2: Hazards identification (....)

### 2.3 Other hazards

Contains: <5% anionic surfactants, non-ionic surfactants, benzisothiazolinone, enzymes, methylisothiazolinone

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical Name	CAS-No. EC-No. Index-No. REACH Reg No.	Concentration	Categories	H Statements	M factor	Specific Concentration Limits
Propane-1,2-diol	57-55-6 200-338-0 - 01-2119457558-25	0.1-1%	Substance with workplace exposure limit	-		
1,2-benzisothiazolin-3-one	2634-33-5 220-120-9 613-088-00-6 01-2120761540-60	<0.1%	Acute Tox. 4 Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 2	H302 H315 H318 H317 H400 H411	Acute = 1 Chronic = 1	Skin Sens. 1, H317 C ≥ 0.05%
2-methylisothiazol-3(2H)-one	2682-20-4 220-239-6 - 01-2120764690-50	<0.01%	Acute Tox. 3 Acute Tox. 3 Acute Tox. 2 Skin Corr. 1B Skin Sens. 1A Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H301 H311 H330 H314 H317 H318 H400 H410	Acute = 10 Chronic = 1	Skin Sens. 1, H317 C ≥ 0.0015%

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### 4.1.1 Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

#### 4.1.2 Ingestion

Rinse mouth.  
Do NOT induce vomiting.  
Give plenty of water to drink  
Never give anything by mouth to an unconscious person  
Get medical advice/attention if you feel unwell.

#### 4.1.3 Contact with skin

IF ON SKIN: Wash with plenty of soap and 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.

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



## **SECTION 4: First aid measures (....)**

### **4.2.1 Inhalation**

In cases of severe exposure, irritation may develop

### **4.2.2 Ingestion**

In cases of severe exposure, gastro-intestinal disturbances may develop

### **4.2.3 Contact with skin**

May cause allergic reaction in susceptible people

### **4.2.4 Contact with eyes**

Product considered to be low hazard under normal conditions of use

In cases of severe exposure, irritation may develop

## **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**

- In case of fire use water, alcohol resistant foam, carbon dioxide or dry agent

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

- No hazard expected under normal conditions of use

### **5.3 Advice for firefighters**

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

- Wash to waste with plenty of water
- Spillage causes slippery surface
- Flush spill area with copious amounts of water

### **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**



## SECTION 7: Handling and storage (....)

- Avoid breathing dust/fume/gas/mist/vapours/spray.

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

- Keep out of reach of children
- Store at ambient temperature
- Keep in a cool, well ventilated place
- Protect from frost
- Protect from heat
- Store in a closed container.
- Store out of sunlight.

### 7.3 Specific end use(s)

- See Section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Substances

Chemical Name	WEL (respirable dust) (long term)
Propane-1,2-diol	474 mg/m <sup>3</sup> (UK)

### 8.2 Exposure controls

- No special precautions are required for this product
- Avoid contact with skin and eyes
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Wash hands at the end of each work shift and before eating, smoking and using the toilet.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: Colourless to pale yellow
- Odour: None
- Melting point/Range: Not available
- Boiling Point/Range: Not available
- Flammability: Not flammable
- pH: 7.0-8.5
- Flashpoint: >93 °C
- Autoignition Temperature: Not applicable\*
- Decomposition temperature: Not applicable\*
- Kinematic viscosity: Not applicable\*
- Partition coefficient : n-Octanol/water - not known
- Vapour pressure - not known



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## SECTION 9: Physical and chemical properties (....)

- Solubility in water: Completely soluble in water
  - Density: 0.90-1.10 g/cm<sup>3</sup> at 20 °C
  - Relative vapour density: Not applicable\*
  - Particle characteristics: Not applicable\*
- \* Not relevant due to the nature of the product

### 9.2 Other information

- No information available
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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

- This article is considered stable under normal conditions

### 10.2 Chemical stability

- Stable under normal ambient conditions and when used as recommended

### 10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

### 10.4 Conditions to avoid

- Keep away from heat

### 10.5 Incompatible materials

- None

### 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) : >2000 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

Not hazardous

#### 11.1.3 Serious eye damage/irritation

No information available

#### 11.1.4 Respiratory or skin sensitisation

May cause allergic reaction in susceptible people

#### 11.1.5 Germ cell mutagenicity

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

No evidence of mutagenic effects

**11.1.6 Carcinogenicity**

No evidence of carcinogenic effects

**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**

- No information available
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**SECTION 12: Ecological information****12.1 Toxicity**

- Contains ingredients that are dangerous for the environment (see section 3)

**12.2 Persistence and degradability**

- Expected to be readily biodegradable

**12.3 Bioaccumulative potential**

- Low bioaccumulation potential

**12.4 Mobility in soil**

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**

- No information available
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**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

- Dispose of contents/container in accordance with national regulations



## **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**

- Presents little or no hazard 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**

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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 information for his own particular use.**