
SAFETY DATA SHEET

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

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%	Sustance 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

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

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.

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 ³ (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

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

- Solubility in water: Completely soluble in water
- Density: 0.90-1.10 g/cm³ 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

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

SECTION 11: Toxicological information

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

11.1.1 Acute toxicity

Estimated LD₅₀ (oral) (ATE) : >2000 mg/kg
Estimated LD₅₀ (dermal) (ATE) : >4000 mg/kg
Estimated LD₅₀ (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

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

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

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

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.