



**SAFETY DATA SHEET**  
**B2021 QFS Sanitiser+ Surface Sanitising Wipes**

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

**1.1. Product identifier**

**Product name** B2021 QFS Sanitiser+ Surface Sanitising Wipes

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

**Identified uses** Ready to use sanitising wipes

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

**Supplier** Byotrol plc  
Building 303 (Ashton),  
Thornton Science Park,  
Pool Lane, Ince, Chester,  
CH2 4NU  
Tel: +44 (0) 1925 742 000  
Fax: +44 (0) 1925 363 099  
info@byotrol.com

**1.4. Emergency telephone number**

**Emergency telephone** +44 (0) 1925 742 000  
(Available only within office hours 9am - 5pm)

**National emergency telephone number** National Poisons Information Service (24-hour service)  
Tel: +44 (0) 844 892 0111 (UK only)

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification (EC 1272/2008)**

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Aquatic Chronic 3 - H412

**2.2. Label elements**

**Hazard statements** H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements** P273 Avoid release to the environment.  
P501 Dispose of contents/ container in accordance with national regulations.

**2.3. Other hazards**

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

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

**3.2. Mixtures**

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<b>Dodecyl dipropylenetriamine</b>		<b>&lt;1%</b>
CAS number: 2372-82-9	EC number: 219-145-8	
M factor (Acute) = 10	M factor (Chronic) = 1	
<b>Classification</b>		
Acute Tox. 3 - H301		
Skin Corr. 1B - H314		
Eye Dam. 1 - H318		
STOT RE 2 - H373		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		
<b>Polyhexamethylene biguanide hydrochloride</b>		<b>&lt;1%</b>
CAS number: 27083-27-8		
M factor (Acute) = 10	M factor (Chronic) = 1	
<b>Classification</b>		
Acute Tox. 4 - H302		
Acute Tox. 2 - H330		
Eye Dam. 1 - H318		
Skin Sens. 1B - H317		
Carc. 2 - H351		
STOT RE 1 - H372		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. If in doubt, get medical attention promptly. Never give anything by mouth to an unconscious person.
<b>Skin contact</b>	Skin irritation should not occur when used as recommended. Wash with plenty of water.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms are severe or persist after washing.

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

**General information** The product is considered to be a low hazard under normal conditions of use.

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

**Notes for the doctor** Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** Carbon dioxide (CO<sub>2</sub>). Powder. Water spray. Alcohol-resistant foam.

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**Unsuitable extinguishing media** None known.

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

**Specific hazards** None known.

**Hazardous combustion products** Toxic gases and fumes may be released in a fire.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Use fire-extinguishing media suitable for the surrounding fire. Fight fire with normal precautions from a reasonable distance. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

**For non-emergency personnel** In case of fire: Wear self-contained breathing apparatus. Wear protective clothing, gloves, eye and face protection. Keep unnecessary and unprotected personnel away from the spillage. Eliminate all ignition sources if safe to do so.

**For emergency responders** Wear self-contained breathing apparatus. Wear protective clothing, gloves, eye and face protection. Do not allow uncontrolled discharge of product into the environment. Evacuate unnecessary personnel.

### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge to the aquatic environment.

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

**Methods for cleaning up** Contain and dispose of waste according to local regulations.

### 6.4. Reference to other sections

**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

<b>Usage precautions</b>	Avoid contact with eyes.
<b>Advice on general occupational hygiene</b>	Do not eat, drink or smoke when using this product. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

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

<b>Storage precautions</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep containers upright. Keep container tightly closed, in a cool, well ventilated place. Protect from freezing and direct sunlight. Avoid contact with oxidising agents. Store at temperatures not exceeding 35°C.
<b>Storage class</b>	Unspecified storage.

#### 7.3. Specific end use(s)

<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.2.
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### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

This product does not contain any substances with occupational exposure limit values.

#### 8.2. Exposure controls

<b>Appropriate engineering controls</b>	Wash at the end of each work shift and before eating, smoking and using the toilet.
<b>Eye/face protection</b>	Eye protection not required.
<b>Hand protection</b>	Hand protection not required.
<b>Respiratory protection</b>	Respiratory protection not required.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid-impregnated wipe.
<b>Colour</b>	Blue or White Wipes
<b>Odour</b>	Characteristic.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	pH (concentrated solution): 8.50-9.50
<b>Melting point</b>	Not relevant.
<b>Initial boiling point and range</b>	Not relevant.
<b>Flash point</b>	Not relevant.
<b>Evaporation rate</b>	Not relevant.
<b>Evaporation factor</b>	Not relevant.
<b>Flammability (solid, gas)</b>	Not relevant.

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<b>Upper/lower flammability or explosive limits</b>	Not relevant.
<b>Other flammability</b>	Not relevant.
<b>Vapour pressure</b>	Not relevant.
<b>Vapour density</b>	Not relevant.
<b>Relative density</b>	Not relevant.
<b>Bulk density</b>	Not determined.
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient</b>	Not relevant.
<b>Auto-ignition temperature</b>	Not relevant.
<b>Decomposition Temperature</b>	Not relevant.
<b>Viscosity</b>	Not relevant.
<b>Explosive properties</b>	Not considered to be explosive.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.
<b>Comments</b>	Information given is applicable to the product as supplied.

### 9.2. Other information

**Other information** None.

## **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

**Reactivity** Stable at normal ambient temperatures and when used as recommended.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Stable at normal ambient temperatures and when used as recommended.

### 10.4. Conditions to avoid

**Conditions to avoid** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 10.5. Incompatible materials

**Materials to avoid** Aldehydes. Anionics. Hypochlorite. Oxidising agents.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** None known.

## **SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

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**Toxicological effects** This product is considered non-toxic to humans.

### Skin corrosion/irritation

**Skin corrosion/irritation** Not classified.

### Serious eye damage/irritation

**Serious eye damage/irritation** Not classified.

### Respiratory sensitisation

**Respiratory sensitisation** Not classified.

### Skin sensitisation

**Skin sensitisation** Not classified.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Not classified.

**Genotoxicity - in vivo** Not classified.

### Carcinogenicity

**Carcinogenicity** Not classified.

### Reproductive toxicity

**Reproductive toxicity - fertility** Not classified.

**Reproductive toxicity - development** Not classified.

### Specific target organ toxicity - single exposure

**STOT - single exposure** Not classified.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Not classified.

### Aspiration hazard

**Aspiration hazard** Not classified.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Toxicity** When used as instructed, the product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

### 12.2. Persistence and degradability

**Persistence and degradability** The resultant material is not biodegradable.

### 12.3. Bioaccumulative potential

**Partition coefficient** Not relevant.

### 12.4. Mobility in soil

**Mobility** Not considered mobile.

### 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** Not determined.

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

<b>General information</b>	The generation of waste should be minimised or avoided wherever possible.
<b>Disposal methods</b>	Dispose of waste product or used containers in accordance with local regulations Do not discharge into drains or watercourses or onto the ground.

### SECTION 14: Transport information

<b>General</b>	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 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

<b>EU legislation</b>	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).
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#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>Revision date</b>	07/05/2020
<b>Revision</b>	4
<b>Supersedes date</b>	08/07/2019
<b>SDS number</b>	4678

## B2021 QFS Sanitiser+ Surface Sanitising Wipes

### Hazard statements in full

H301 Toxic if swallowed.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H330 Fatal if inhaled.  
H351 Suspected of causing cancer.  
H372 Causes damage to organs (Respiratory tract) through prolonged or repeated exposure.  
H373 May cause damage to organs (Kidneys) through prolonged or repeated exposure.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

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.