

BIOTECH F4000

Material Safety Data Sheet. (MSDS)

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1. IDENTIFICATION	
Preparation	Biotech F-4000
Application	Ready to use solution to clean and disinfect washable surfaces
Company	Biotech International Ltd
Emergency Telephone	+44 (0) 7855 239 639

2. COMPOSITION/INFORMATION ON INGREDIENTS			
Composition		A proprietary blend of surface-active agents, complex inorganic polymers	
Information on Ingredients			
Percentage	Common/Chemical Name	EINECS CAS	EC1999/45 Classification
<0.3	Didecyl dimethyl ammonium chloride	EINECS:230-525-2 CAS:7173-51-5	R34, R22
<0.25	Potassium Carbonate	EINECS:209-529-3 CAS: 584-08-7	R36/37/38
<0.3	EDTA tetrasodium salt	EINECS:200-573-9 CAS:64-02-8	R22, R36, R52/53

3. HAZARDS IDENTIFICATION	
The preparation is not classified as dangerous according to the rules given in Directive 1999/45/EEC	
Eyes	May cause irritation to the eyes on direct contact.
Skin	May cause irritation to the skin on direct contact.
Ingestion	No known toxic effects, may cause some irritation to mouth and throat
Inhalation	May cause coughing and irritation.
Effects on human health	This preparation is not expected to produce significant adverse health effects, when recommended instructions for use are followed, on the basis of available information.
Chronic health effects	None have been identified.
Effects on environment	This preparation is not expected to produce significant adverse effects on the environment when recommended instructions for use are followed on the basis of available information.

4. FIRST AID MEASURES	
Eyes	Irrigate with water for at least 10 to 15 minutes; if discomfort persists obtain medical attention.
Skin	Wash skin thoroughly with water.
Ingestion	Do not induce vomiting, rinse mouth and give sips of water / milk to drink.
Inhalation	Remove to fresh air.
Medical advice	Seek medical advice if conditions persist.

5. FIRST AID MEASURES	
Unusual Fire and Explosion Hazards	The product does not constitute a combustible hazard.
Extinguishing Media	Non-combustible.

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6. ACCIDENTAL RELEASE MEASURES	
Spillages	No special measures needed. Wipe with absorbent material until dry.
7. HANDLING AND STORAGE	
Handling	There are no specific handling requirements for this product in its finished trigger spray container or bulk containers.
Storage	Store in original sealed containers away from direct sunlight. Keep out of reach of children and take common sense precautions.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
Occupational Exposure Standard	None
Respiratory protection	No special requirements unless sensitivity to odour is observed.
Hand Protection	No special protection is required. Any spillages over the hands should be washed with water.
Eye Protection	No special protection is required. Care should be taken to avoid contact with the eyes.
Skin Protection	No special protection is required. Any spillages over the skin should be washed with water.
9. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance and colour	Clear Liquid
Odour	Slight smell of alkalis
pH	11.0
Flash point	Not relevant
Specific Gravity	0.99 (at 20 Deg C)
Viscosity and vapour density	Not relevant
Solubility in water	Complete
Change in physical state	None
10. STABILITY AND REACTIVITY	
Stability	Stable, will not ignite
Conditions to avoid	Avoid contact with other chemicals
11. TOXICOLOGICAL INFORMATION	
<p>This is a sanitising and disinfection product that is safe for consumers and other users under intended and reasonably foreseeable use. Additional information on toxicological endpoints is available from the supplier upon request.</p> <p>Chronic Effects: Finished product is not expected to have chronic health effects. Target Organs: No adverse health effects on target organs expected for finished product. Carcinogenicity: Finished product is not expected to be carcinogenic. NTP: No. IARC: No. OSHA: No.</p>	
12. ECOLOGICAL INFORMATION	
<p>Assessment: If spillage occurs dilute with water at dilution rate of 4 parts water: 1 part Biotech bio-accumulation potential: None</p>	

13. DISPOSAL CONSIDERATIONS

Contents of damaged containers may be flushed down local authority drains with 4 times the volume of water: Biotech. Empty containers may be disposed of in recyclable refuse.

14. TRANSPORT CONSIDERATIONS

Not regulated for transport

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15. REGULATORY INFORMATION

This product is not classified as hazardous under Directive 1999/45/EEC and the Chemicals (Hazardous Information and Packaging for supply) Regulations 2009 (SI 2002/1689; CHIP4).

16. OTHER INFORMATION

Instructions for use: Spray onto surfaces to be sanitised. If spillages have occurred e.g. blood, urine, vomit etc. leave for one minute before wiping off with a clean cloth or paper towel.

Available in 0.75litre trigger sprays, 5 litre, 20 litre containers and 1,000 litre bulk containers.

The product is not corrosive or hazardous.

Please contact Biotech International Ltd should further information be required.

Legal disclaimer: The information supplied in this MSDS has been prepared in light of the HSE Approved Code of Practice 'The compilation of safety data sheets fourth edition 2009' and is correct to the best of our knowledge at the time of issue. It is the responsibility of the user to complete a workplace based risk assessment before use to ensure the stability of the product and that all the necessary precautions are taken.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.