

## SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name: **Biotec**  
 Supplier: MMP-International, Division  
 of ITW Ltd.  
 Brunel Close, Park Farm  
 Ind Est,  
 Wellingborough, Northants,  
 NN8 6QX

Emergency telephone number: +44 (0) 1933 670870  
 Fax No: +44 (0) 1933 670800

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

## Identification of the preparation

Chemical Name	CAS-No	EEC-No	Class	Weight %
Ternary Surfactant in Water	NA	NA	NA	NA

## 3. HAZARDS IDENTIFICATION

Most important hazards: Not applicable.

## 4. FIRST AID MEASURES

General advice: Avoid contact with skin and eyes.  
 Inhalation: Move to fresh air.  
 Skin contact: Wash off with soap and plenty of water.  
 Eye contact: Rinse immediately with plenty of water, also under the eyelids.  
 Ingestion: Obtain medical attention.

## 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray, foam, Carbon Dioxide (CO<sub>2</sub>), dry chemical  
 Specific hazards: The product itself does not burn  
 Special protective equipment for firefighters: In case of fire, wear a self contained breathing apparatus.  
 Specific methods: Standard procedure for chemical fires.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with skin and eyes.  
 Environmental precautions:  
 Methods for cleaning up: Shovel into suitable container for disposal.

## 7. HANDLING AND STORAGE

Handling: Handle and open container with care.  
 Storage: Keep containers tightly closed in a cool, well-ventilated place.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name: Ternary Surfactant in Water  
 National occupational exposure limits (Ref: British COSHH - EH40):

Ternary Surfactant in Water

Engineering measures to reduce exposure

- Respiratory protection: No personal respiratory protective equipment normally required.
- Hand protection: solvent-resistant gloves.
- Eye protection: Not applicable.
- Skin and body protection: lightweight protective clothing.

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Hygiene measures: Wash hands before breaks and immediately after handling the product. Keep away from food, drink and animal feeding stuffs. Do not smoke.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form:	Liquid	Colour:	Amber	Odour:	Mild
	g/l H <sub>2</sub> O)				
Boiling point/range:	94	°C			
Flash point:	NA	°C			
Melting point/range:	>0	°C			
Autoignition temperature:	NA	°C			
Flammability (solid, gas):	NA				
Explosive properties:	NA				
Explosion limits:	- lower	NA	vol. %	- upper	NA vol. %
Oxidizing properties:	NA				
Vapour pressure:	17	mm Hg	( 20 °C)		

**10. STABILITY AND REACTIVITY**

Hazardous decomposition products: Carbon monoxide, Carbon Dioxide (CO<sub>2</sub>), smoke.

**11. TOXICOLOGICAL INFORMATION**

Sensitization: May cause sensitization of susceptible persons by skin contact.

**12. ECOLOGICAL INFORMATION**

Persistence / degradability: Not applicable.  
 Bioaccumulation: Not applicable.  
 Other information: Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

**13. DISPOSAL CONSIDERATIONS**

Waste from residues / unused products: In accordance with local and national regulations.  
 Contaminated packaging: In accordance with local and national regulations.  
 European waste Catalogue No: **08 04 99**

**14. TRANSPORT INFORMATION**

Proper shipping name: Not classified as dangerous in the meaning of transport regulations: UN, ADR/RID, IMO & IATA/ICAO.

**15. REGULATORY INFORMATION**

Classification according to European directive on classification of hazardous preparations 93/21/EEC

- Contains: not a dangerous substance as defined in the above regulations.
- Symbol(s):

R -phrase(s):

S -phrase(s):

**16. OTHER INFORMATION**

Recommended use:

Recommended restrictions:

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication