

# SAFETY DATA SHEET

This safety data sheet conforms to EC Directives 91/155/EEC

## 1. INFORMATION ON THE PRODUCT AND COMPANY.

- 1.1 COMPANY IDENTIFICATION  
Pieter Koole  
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Tel.: +31 (0) 61339 1428  
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- 1.2 PRODUCT NAME  
Bio – Claire Foam 40
- 1.3 PRODUCT TYPE  
Mixture
- 1.4 CAS-N°.  
Mixture

## 2. COMPOSITION AND INFORMATION ON THE INGREDIENTS.

Ingredients	Weight %	CAS-N°.	EG-N°.	Labeling	Danger symbol
Butyldiglycol	< 5 %	112.34-5	603-096-00-8	R36	Xi
Sodiummetasilicate	< 5 %	6834-92-0	014-010-00-8	R34-R37	C

Other ingredients are trade secret, not classified as dangerous according to EEC Dangerous Substance Directive.

## 3. HAZARDS IDENTIFICATION.

- 3.1 MOST IMPORTANT HAZARDS  
Moderate irritant to eyes. Skin contact ; primary irritant, defattener

## 4. FIRST AID MEASURES.

- 4.1 SKIN CONTACT  
Wash with soap and water.
- 4.2 EYE CONTACT  
Rinse away thoroughly with water at least for 15 minutes.  
If irritation persists obtain medical attention.
- 4.3 INGESTION  
Drink water.  
If larger quantities have been swallowed obtain medical attention.
- 4.4 OTHER INFORMATION  
Seek medical advice if adverse reactions occurs and persists.

## 5. FIRE AND EXPLOSION HAZARD.

- 5.1 EXTINGUISHING MEDIA  
SUITABLE : Water (mist) , foam, dry chemical powder or carbon dioxide.

## 6. ACCIDENTAL RELEASE MEASURES.

- 6.1 PERSONAL PRECAUTIONS  
For personal protection see section 8.
- 6.2 ENVIRONMENTAL PRECAUTIONS MEASURES  
Prevent discharge of larger quantities undiluted product to drain or water courses.
- 6.3 METHODS FOR CLEANING UP  
Flush the spill with a lot of water.

## 7. HANDLING AND STORAGE.

- 7.1 HANDLING  
Handle in accordance with good industrial hygiene and safety practices.
- 7.2 STORAGE  
Keep packing closed and keep from freezing.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.

- 8.1 TECHNICALLY MEASURES  
None.
- 8.2 PERSONAL PROTECTIVE EQUIPMENT
- 8.2.1 HAND PROTECTION  
None.
- 8.2.2 EYE PROTECTION :  
Safety glasses.

## 9. PHYSICAL AND CHEMICAL PROPERTIES.

- 9.1 PHYSICAL ASPECT (20°C)
- 9.1.1 APPEARANCE..... : Liquid.
- 9.1.2 COLOUR..... : Clear.
- 9.1.3 ODOUR..... : Fresh.
- 9.1.4 MELTING POINT/RANGE..... : < 4°C.
- 9.1.5 BOILING POINT/RANGE..... : >100°C.
- 9.1.6 SOLUBILITY IN WATER..... : 100 %
- 9.1.7 DENSITY..... : 1.00 g/cm<sup>3</sup>
- 9.1.8 VISCOSITY..... : 10 mPas
- 9.1.9 PH VALUE..... : 12,6 ( at 100 % )
- 9.1.10 PH VALUE..... : 12 ( at 10 % / L H<sub>2</sub>O )
- 9.1.11 FLASH POINT..... : None.
- 9.1.12 OTHER INFORMATION..... : Phosphate free.

## 10. STABILITY AND REACTIVITY.

- 10.1 HAZARDOUS COMPOSITION PRODUCTS  
None.
- 10.2 HAZARDOUS REACTIONS  
None.
- 10.3 STABILITY  
Normally stable in closed container.

## 11. TOXICOLOGICAL INFORMATION

- 11.1 ACUTE TOXICOLOGICAL INFORMATION SURFACTANTS
- 11.1.1 ACUTE ORAL TOXICITY  
LD50 Oral rat > 2000 mg/kg.
- 11.2 EYE IRRITATION  
Moderate irritant.

- 11.3 SKIN IRRITATION  
Slight irritant degreasing. Repeated or prolonged contact might give dryness.

## 12. ECOLOGICAL INFORMATION

- 12.1 ENVIRONMENTAL PERSISTENCE  
12.1.1 BIODEGRADABILITY  
Primary degradation > 90 %.  
Complies with the EEC Directive 73/404/EEC on biodegradation for surfactants.

## 12. ECOLOGICAL INFORMATION ( continued )

- 12.2 TOXICITY TO AQUATIC LIFE  
Aquatic Toxicity > 10 - 100 mg/l.

## 13. DISPOSAL CONSIDERATIONS

- 13.1 RECOMMENDED METHOD OF DISPOSAL  
Incinerate in accordance with regulations.

## 14. TRANSPORT INFORMATION

- 14.1 UN N°.  
None.
- 14.2 HAZARD IDENTIFICATION N°.  
None.
- 14.3 ADR/RID  
Class : N.R.
- 14.4 IMO/IMDG  
Class : N.R.
- 14.5 IATA/ICAO  
Class : N.R.
- 14.6 OTHER INFORMATION  
N.R. = It is not a dangerous product to ref. of the transport regulations.

## 15. REGULATORY INFORMATION

- 15.1 LABELING ACCORDING TO EEC Directives 67/485/EEC.  
15.1.1 HAZARD WARNING LABEL  
None.  
Not classified as dangerous according to EEC Dangerous Substance Directive and Dangerous Preparation Directive.

## 16. OTHER INFORMATION

This safety data sheet and the information it contains herein, is offered to you in good faith as being accurate. Health and safety measures and precautions recommended in this data sheet however may not be adequate for all individuals and/or all possible situations. It is the user's responsibility to use this product safely and in compliance with all applicable laws and regulations. The producer may not be held responsible for the accuracy and completeness of the data, measures and precautions recommended.

Date of issue :	01/01/15
Product :	Bio – Claire Foam 40
Revised :	01/01/15