

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
- 1.2 Bio – Claire Benelux
Ing. Pieter Koole
Struiken 3
5993 NA Maasbree
Tel.: 06 1339 1428
Pieter@bioclaire.nl
- 1.3 PRODUCT NAME
Bio – Claire HD 66
- 1.4 PRODUCT TYPE
Mixture
- 1.5 CAS-N°.
Mixture

2. COMPOSITION AND INFORMATION ON THE INGREDIENTS.

Ingredients	Weight %	CAS-N°.	EG-N°.	Labeling	Danger symbol
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All 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/cm³
- 9.1.8 VISCOSITY..... : 10 mPas
- 9.1.9 PH VALUE..... : 12,6 (at 100 %)
- 9.1.10 PH VALUE..... : 12 (at 10 % / L H₂O)
- 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.

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