

## SAFETY DATA SHEET

According to legislation 91/155/EEC

# BIO – CLAIRE ONTKALKER

### 1. INFORMATION ON THE PRODUCT AND COMPANY.

IDENTIFICATION OF THE PREPARATION :  
COMPANY IDENTIFICATION :

TRADE NAME : BIO – CLAIRE ONTKALKER  
**BIO - CLAIRE**  
Pieter Koole  
Struiken 3  
5993 NA Maasbree ( NL )  
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### 2. COMPOSITION AND INFORMATION ON THE INGREDIENTS.

CHEMICAL NAME	Weight %	Labeling	Danger symbol
Lactic acid	2 - 8 %	R36/38	Xi

Other ingredients are trade secret, not dangerous products.

### 3. HAZARDS IDENTIFICATION.

- |   |      |  |                                |
|---|------|--|--------------------------------|
| <input type="checkbox"/> explosive                  | none | <input type="checkbox"/> very toxic          | none                           |
| <input type="checkbox"/> oxidising                  | none | <input type="checkbox"/> toxic               | none                           |
| <input type="checkbox"/> extremely/high inflammable | none | <input type="checkbox"/> harmful             | none                           |
| <input type="checkbox"/> high inflammable           | none | <input type="checkbox"/> corrosive           | none                           |
| <input type="checkbox"/> inflammable                | none | <input checked="" type="checkbox"/> irritant | : irritating to eyes and skin. |
| <input type="checkbox"/> mutagen                    | none |  |                                |
| <input type="checkbox"/> carcinogen                 | none |  |                                |
| <input type="checkbox"/> others                     | none |  |                                |

### 4. FIRST AID MEASURES.

Inhalation :	Fresh air.
Ingestion :	Make victim drink plenty of water, induce vomiting, summon doctor.
Skin contact :	Wash off with plenty of water, remove contaminated clothing.
Eye contact :	Rinse out with plenty of water with the eyelid held wide open. If irritation persists obtain medical attention.

### 5. FIRE AND EXPLOSION HAZARD.

Fire - extinguisher :

water  
 foam

carbon dioxide  
 dry powder

Hazardous reactions :

Contact with alkaline products.

Personal protective equipment :

Fireman equipment.

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## **6. ACCIDENTAL RELEASE MEASURES.**

Personal protective :

Avoid substance contact.

Environment protection :

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Methods for cleaning :

Flush the spill with a lot of water.

Other measures :

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## **7. HANDLING AND STORAGE.**

Precautionary measures by storage and handling :

No further requirements.

Unsuitable packing-material :

None.

Fire and explosion prevention :

None.

Storage :

Keep packing closed and keep from freezing.

## **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.**

Technically measures :

None.

Occupational exposure limit :

None.

Hygienic measures :

Change contaminated clothing. Wash hands after working with substance.

Personal protection :

Eye protection : required.

Hand protection : required.

## **9. STABILITY AND REACTIVITY.**

Hazardous reactions :

Never mix with alkaline products.

Stability :

Shelf life is unlimited in closed container.

## **10. PHYSICAL AND CHEMICAL PROPERTIES.**

Form :

Liquid.

Colour :

Light yellow / orange

Odour :

Characteristic.

Solidif./ melting point :

< - 0 ° C.

Boiling point :

> + 100 ° C.

Ph ( 20 °C.):

1

Viscosity, 20 °C.:

50 mPa s

Density at 20 °C.:

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Auto-ignition temperature :

Non applicable.

Explosion property : None.  
Explosive limits : Non applicable.  
Vapour pressure : ° C. mmHg. kPa.  
Specific gravity : -----  
Solubility in water at 20 °C. : 100 %  
Other information : -----

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## **11. TOXICOLOGICAL INFORMATION.**

### **ACUTE TOXICITY SURFACTANTS:**

- Toxicological information : Oral toxicity : LD50 / oral / rat : > 2000 mg/kg.

## **12. ECOLOGICAL INFORMATION.**

### **BIODEGRADABILITY.**

### **PREPARATION**

Biodegradability : Primary degradation > 90 %.  
Complies with the EEC directive 73/404/EEC on biodegradation for surfactants.

## **13. DISPOSAL CONSIDERATIONS.**

Product : According to national or regional legislation..  
Packing : -----  
Other information : -----

## **14. TRANSPORT INFORMATION.**

Road – Rail :	ADR / RID	Classification:	None.
Sea :	IMO / IMDG	Classification:	None.
Air :	ICAO / IATA	Classification:	None.

## **15. REGULATORY INFORMATION.**

Labelling according to EC directives 67/548/EEC

Hazard warning label : " Xi " Irritant.  
Risk phrases : R36-38 : Irritating to eyes and skin.  
Safety phrases : S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advise.

## **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.