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Xi : Irritant

Danger



Producer

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SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Identification of the product : Liquid.

Trade name : BIOSAFE

1.2. Other

Use : Industrial.
 See product bulletin for detailed information.

1.3. - Company

Company identification : CID LINES NV
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1.4. Emergency telephone number

Emergency phone nr : + 32 70 245 245

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

: Xi; R38-41

Hazard Class and Category Code Regulation EC 1272/2008 (CLP)

- Health hazards : Skin irritation - Category 2 - Warning (CLP : Skin Corr. 2)
 Serious eye damage - Category 1 - Danger (CLP : Eye Dam. 1)

2.2. Label elements

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SECTION 2. Hazards identification (continued)

Labelling EC 67/548 or EC 1999/45

• Symbol(s)



: Irritant.

• R Phrase(s)

: R38 : Irritating to skin.
R41: Risk of serious damage to eyes.

• S Phrase(s)

: S23 : Do not breathe the gas, fumes, vapours, spray.
S24 : Avoid contact with skin.
S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.

Labelling Regulation EC 1272/2008 (CLP)

• Hazard pictograms



• Hazard pictograms code

: SGH05

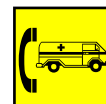
• Signal words

: Danger

• Hazard statements

: H318 : Causes serious eye damage.
H315 : Causes skin irritation.

• Pictograms (Precautionary statements)



• Precautionary statements

- Prevention

: P280 : Wear protective gloves/protective clothing/eye protection/face protection.
P264 : Wash the hand thoroughly after handling.

- Response

: P305: IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. Specific treatment.
P302: IF ON SKIN : Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs : Get medical advice. Specific treatment.

- Storage

: P235 : Keep cool.

- Disposal considerations

: P501: Dispose of this material and its container to hazardous or special waste collection point.

2.3. Other hazards

None under normal conditions.

SECTION 3. Composition/information on ingredients


Substance / Preparation : Preparation.

Substance name	Contents	CAS No	EC No	Index No	REACH	Classification
Non ionic surfactant - alcohol C10 : ethoxylate	5 - 15 %	160875-66-1	----	----	----	Xn: R22 Xi: R41 ----- Eye Dam 1 Acute Tox. 4 (oral)

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SECTION 3. Composition/information on ingredients (continued)

Substance name	Contents	CAS No	EC No	Index No	REACH	Classification
Glutamic acid, N,N-diacetic acid, tetrasodium salt	: 1 - 5 %	51981-21-6	257-573-7	----	----	-----
Alkyl(cocoalkyl) amidopropylbetaine	: 1 - 5 %	61789-40-0	263-058-8	----	----	Xi; R36 N; R50 ----- Eye irrit 2 Aquatic Acute 1
METHYL GLYCINE DIACETIC ACID, TRISODIUM SALT	: 1 - 5 %	164462-16-2	----	----	01-0000016977-53	Xi; R36 ----- Eye irrit 2
Potassium hydroxide	: 1 - 2 %	1310-58-3	215-181-3	019-002-00-8	----	Xn; R22 C; R35 ----- Skin Corr. 1A+ Eye Dam 1 Acute Tox. 4 (oral)
2-(2-butoxyethoxy)ethanol	: 1 - 5 %	112-34-5	203-961-6	603-096-00-8	----	Xi; R36 ----- Eye irrit 2
N-[2-[(2-hydroxyethyl)amino]ethyl]oleamide monoacetate	: 1 - 5 %	68310-43-0	269-711-3	----	----	Xi; R36/38 ----- Eye irrit 2 Skin Irrit. 2

SECTION 4. First aid measures

4.1. Description of first aid measures

First aid

- Inhalation : Assure fresh air breathing.
- Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- Eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
- Ingestion : Not expected to require first aid measures.

4.2. Most important symptoms and effects, both acute and delayed

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5. Fire-fighting measures

5.1. Extinguishing media

No data available.

5.2. Special hazards arising from the substance or mixture

No data available.


5.3. Advice for fire-fighters

- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures** : Exercise caution when fighting any chemical fire.
Avoid (reject) fire-fighting water to enter environment.
- Surrounding fires** : Use water spray or fog for cooling exposed containers.

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SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.

6.2. Environmental precautions

Environmental precautions : Prevent entry to sewers and public waters.
Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

After spillage and/or leakage : Collect spills and put it into appropriated container.

Special precautions : Recover the cleaning water for later disposal.

6.4. Reference to other sections

No data available.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Handling : Keep away from food, drink and animal feeding stuffs. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

Personal protection : Avoid all unnecessary exposure.
Ensure prompt removal from eyes, skin and clothing.

Technical protective measures : Both local exhaust and general room ventilation are usually required.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

7.3. Specific end use(s)

No data available.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Personal protection

- **Respiratory protection** : No special protection required where adequate ventilation is maintained.

- **Skin protection** : Not required.

- **Eye protection** : Chemical goggles or safety glasses.

- **Hand protection** : Gloves.

- **Ingestion** : When using, do not eat, drink or smoke.

Industrial hygiene : Provide local exhaust or general room ventilation.

8.2. Occupational Exposure Limits

No data available.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

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SECTION 9. Physical and chemical properties (continued)

• Appearance

Physical state : Liquid.
 Colour : Green.

• Odour

Odour : Lemon.

• pH

pH value : ca 11

• Relative density

Density [kg/m³] : ca 1.1

9.2. Other information

No data available.

SECTION 10. Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

No data available.

10.3. Possibility of hazardous reactions

Hazardous reactions : Avoid contact with : Acids.
 Hazardous properties : None under normal conditions.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

Hazardous decomposition products : None under normal conditions.

SECTION 11. Toxicological information

11.1. Information on toxicological effects

Toxicity information : Irritating to eyes. Irritating to skin.


SECTION 12. Ecological information

12.1. Toxicity

No data available.

12.2. Persistence - degradability

Biodegradation 648/CEE/2004: : The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

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SECTION 12. Ecological information (continued)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

Ecological effects information : This product contains hazardous components for the environment.
May cause long-term adverse effects in the aquatic environment.

WGK class (Germany) : 1

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Disposal : Dispose in a safe manner in accordance with local/national regulations.
Avoid release to the environment.
Dispose of this material and its container at hazardous or special waste collection point.
Dispose in a safe manner in accordance with local/national regulations.

SECTION 14. Transport information

14.1. UN Number

General information : Not classified.

14.2. Proper shipping name

Not classified.

14.3. Transport Hazard Classification

Not classified.

14.4. Packing group

Not classified.

14.5. Environmental hazards

In case of spillage and/or leakage : Clean up even minor leaks or spills if possible without unnecessary risk.

14.6. Special precautions for user

Personal precautions : The driver shall not attempt to deal with any fire of the load.

No naked lights. No smoking.

Keep public away from danger area.

NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY.

Additional information

14.7. Bulk transport - annex II Marpol 73/78 - IBC

Not classified.

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SECTION 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Ensure all national/local regulations are observed.

15.2. Chemical Safety Assessment

No data available.

SECTION 16. Other information

Recommended uses and restrictions : See product bulletin for detailed information.

List of relevant R phrases (heading 3) : R22 : Harmful if swallowed.
R35 : Causes severe burns.
R36 : Irritating to eyes.
R36/38 : Irritating to eyes and skin.
R41: Risk of serious damage to eyes.
R50 : Very toxic to aquatic organisms.

List of relevant symbols (heading 3) : C: Corrosive.
N: Dangerous for the environment.
Irritant.
Harmful.

Further information : None.

The contents and format of this SDS are in accordance with EEC Commission "REACH" Regulation, EC 1907/2006

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