

**Safety Data Sheet**  
**ECOCAPS BATH ECOLABEL**

Safety Data Sheet dated 27/2/2019, version 1


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**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

- 1.1. Product identifier  
Mixture identification  
Trade name: ECOCAPS BATH ECOLABEL
- 1.2. Relevant identified uses of the substance or mixture and uses advised against  
Recommended use:  
Concentrated detergent for hard surfaces.  
Professional use (SU22) - Washing and cleaning products (PC35)  
Uses advised against:  
Different uses than recommended. Do not use in combination with other products.
- 1.3. Details of the supplier of the safety data sheet  
Manufacturer:  
SUTTER INDUSTRIES s.p.a. - Società con Unico Socio  
15060 Borghetto Borbera (AL) Italia  
Tel. +39 0143 631.1  
Competent person responsible for the safety data sheet:  
regulatory.affairs@sutter.it
- 1.4. Emergency telephone number  
+39 0143 631.1 mon-fri 9.00/17.00

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**SECTION 2: Hazards identification**

- 2.1. Classification of the substance or mixture  
EC regulation criteria 1272/2008 (CLP)  
 Warning, Eye Irrit. 2, Causes serious eye irritation.

Adverse physicochemical, human health and environmental effects:  
No other hazards

- 2.2. Label elements  
Hazard pictograms:



Warning

Hazard statements:

H319 Causes serious eye irritation.

Precautionary statements:

P264 Wash hands thoroughly after handling.

P280 Wear eye protection.

P337+P313 If eye irritation persists: Get medical advice/attention.

Special Provisions:

EUH210 Only for professional use. Safety data sheet available on request.

Product contents:

non-ionic surfactants 5 - 15 %

The product also contains: Perfumes

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

- 2.3. Other hazards

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vPvB Substances: None - PBT Substances: None  
Other Hazards:  
No other hazards

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#### SECTION 3: Composition/information on ingredients

##### 3.1. Substances

Not Applicable, the product is a mixture.

##### 3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

>= 50% - < 60% 2-(2-BUTOXYETHOXY)ETHANOL

REACH No.: 01-2119475104-44, Index number: 603-096-00-8, CAS: 112-34-5, EC: 203-961-6



3.3/2 Eye Irrit. 2 H319

>= 25% - < 30% DIPROPYLENE GLYCOL MONOMETHYL ETHER;  
(2-METHOXYMETHYLETHOXY) PROPANOL

REACH No.: 01-2119450011-60, CAS: 34590-94-8, EC: 252-104-2

Substance with a Union workplace exposure limit.

>= 7% - < 10% ALKOXYLATED FATTY ALCOHOL

REACH No.: 02-2119552554-37, CAS: 111905-53-4



3.3/2 Eye Irrit. 2 H319



3.1/4/Oral Acute Tox. 4 H302

4.1/C3 Aquatic Chronic 3 H412

>= 1% - < 3% L-(+)-LACTIC ACID

REACH No.: 01-2119474164-39, CAS: 79-33-4, EC: 201-196-2



3.2/2 Skin Irrit. 2 H315



3.3/1 Eye Dam. 1 H318

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#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

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Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

Acute effects:

Skin and eye irritation for contact

Irritation interior system if swallowed.

Until revision date of this document, are unknown chronic effects from the mixture contact with skin, eyes, inhalation, ingestion.

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

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#### SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

The mixture does not contain ingredients classified as explosive according to EC Regulation 1272/2008 (CLP).

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

The mixture does not contain ingredients classified as explosive according to EC Regulation 1272/2008 (CLP).

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#### SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water. To converge the product in containment tanks.

6.4. Reference to other sections

See also section 8 and 13

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#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.  
Don't use empty container before they have been cleaned.  
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.  
Contaminated clothing should be changed before entering eating areas.  
Do not eat or drink while working.  
See also section 8 for recommended protective equipment.

##### 7.2. Conditions for safe storage, including any incompatibilities

Store away from sunlight.  
Store in a cool and well ventilated place.  
Store away from heat sources.  
Do not store in open or unlabeled containers.  
Keep away from food, drink and feed.  
Incompatible materials:  
Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability. see also 1.2 and 7.2.  
See section 10.  
Instructions as regards storage premises:  
Adequately ventilated premises.

##### 7.3. Specific end use(s)

None in particular, see paragraph 1.2

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#### SECTION 8: Exposure controls/personal protection

##### 8.1. Control parameters

Until the revision date of this document, no experimental data are available for the mixture. Below, listed occupational exposure limits, if available, for the components listed in paragraph 3.2.

2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5

EU - TWA(8h): 67.5 mg/m<sup>3</sup>, 10 ppm - STEL: 101.2 mg/m<sup>3</sup>, 15 ppm

ACGIH - TWA(8h): 10 ppm - Notes: (IFV) - Hematologic, liver and kidney eff

DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY)

PROPANOL - CAS: 34590-94-8

EU - TWA(8h): 308 mg/m<sup>3</sup>, 50 ppm - Notes: Skin

ACGIH - TWA(8h): 100 ppm - STEL: 150 ppm - Notes: Skin - Eye and URT irr, CNS impair

##### DNEL Exposure Limit Values

Until the revision date of this document, no experimental data are available for the mixture. Below, listed the DNEL exposure limits, if available, for the components listed in paragraph 3.2.

2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5

Worker Industry: 67.5 mg/m<sup>3</sup> - Consumer: 40.5 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 83 mg/kg - Consumer: 50 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 101.2 mg/m<sup>3</sup> - Consumer: 60.7 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, local effects

Consumer: 1.25 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY)

PROPANOL - CAS: 34590-94-8

Worker Industry: 65 mg/kg - Consumer: 15 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

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Worker Industry: 308 mg/m<sup>3</sup> - Consumer: 37.2 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
Consumer: 1.67 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

#### PNEC Exposure Limit Values

Until the revision date of this document, no experimental data are available for the mixture. Below, listed the PNEC exposure limits, if available, for the components listed in paragraph 3.2.

##### 2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5

Target: Marine water - Value: 0.11 mg/l  
Target: Marine water sediments - Value: 0.44 mg/kg  
Target: Microorganisms in sewage treatments - Value: 200 mg/l  
Target: Soil (agricultural) - Value: 0.32 mg/kg  
Target: Food chain - Value: 56 mg/kg  
Target: Fresh Water - Value: 1.1 mg/l  
Target: Freshwater sediments - Value: 4.4 mg/kg  
Target: Air - Value: 11 mg/l

##### DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY)

##### PROPANOL - CAS: 34590-94-8

Target: Marine water - Value: 1.9 mg/l  
Target: Air - Value: 190 mg/l - Notes: Intermittent emissions  
Target: Microorganisms in sewage treatments - Value: 4168 mg/l  
Target: Marine water sediments - Value: 5.2 mg/kg  
Target: Freshwater sediments - Value: 52.3 mg/kg

##### L-(+)-LACTIC ACID - CAS: 79-33-4

Target: Fresh Water - Value: 1.3 mg/l  
Target: Microorganisms in sewage treatments - Value: 10 mg/l

#### 8.2. Exposure controls

##### Eye protection:

Use close fitting safety goggles, don't use eye lens.(EN 166)

##### Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton (EN 14605 in case of splashes or EN 13982 in case of dust)

##### Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber. (ex. EN 388 - EN 374 protection factor 6, corresponding to a breakthrough time >480 minutes).

Due to great diversity of types, observe the operating instructions of the manufacturer with respect to substances listed in paragraph 3.2.

##### Respiratory protection:

Not needed for normal use.

##### Thermal Hazards:

The product is not flammable or explosive - see paragraph 2.1. The product contains no explosive components.

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

##### Environmental exposure controls:

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

See also section 6.2.

##### Appropriate engineering controls:

No further technical checks suitable for your product under normal conditions.

See also section 1.2, section 7 and Exposure Scenario - Annex I of this document.

**SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties

| Properties                                    | Value                | Method:              | Notes:  |
|---|----------------------|----------------------|---|
| Appearance and colour:                        | Clear liquid, red    | Visual               | --  |
| Odour:  | Fruity               | Olfactory            | --  |
| Odour threshold:                              | Evident              | Olfactory            | --  |
| pH:   | 3,0 +/- 0,5 (sol 3%) | Instrumental control | --  |
| Melting point / freezing point:               | Not Relevant         | --                   | Parameter not relevant for the type of product                  |
| Initial boiling point and boiling range:      | >=100°C              | --                   | Estimated value on chemical / physical properties of components |
| Flash point:                                  | >60 ° C              | --                   | Estimated value on chemical / physical properties of components |
| Evaporation rate:                             | Not Relevant         | --                   | Parameter not relevant for the type of product                  |
| Solid/gas flammability:                       | Not Relevant         | --                   | Parameter not relevant for the type of product                  |
| Upper/lower flammability or explosive limits: | Not Relevant         | --                   | Parameter not relevant for the type of product                  |
| Vapour pressure:                              | Not Relevant         | --                   | Parameter not relevant for the type of product                  |
| Vapour density:                               | Not Relevant         | --                   | Parameter not relevant for the type of product                  |
| Relative density:                             | 0.977 g/ml           | Instrumental control | --  |
| Solubility in water:                          | Total                | --                   | Internal tests  |
| Solubility in oil:                            | Partial              | --                   | Internal tests  |
| Partition coefficient (n-octanol/water):      | <1000                | --                   | Value estimated based on the solubility of the mixture.         |
| Auto-ignition temperature:                    | Not Relevant         | --                   | Parameter not relevant for the type of product                  |
| Decomposition temperature:                    | Not Relevant         | --                   | Parameter not relevant for the type of product                  |
| Viscosity:                                    | <10 cP               | --                   | Estimated indicative value. Not viscous mixture.                |
| Explosive properties:                         | Not Relevant         | --                   | Parameter not relevant for product composition.                 |
| Oxidizing properties:                         | Not Relevant         | --                   | Parameter not relevant for product composition.                 |

9.2. Other information

| Properties      | Value        | Method: | Notes:   |
|-----------------|--------------|---------|--|
| Miscibility:    | Not Relevant | --      | Parameter not relevant for the type of product |
| Fat Solubility: | Not Relevant | --      | Parameter not relevant for the type of product |
| Conductivity:   | Not Relevant | --      | Parameter not relevant for the                 |

|                                      |              |    |  |
|--------------------------------------|--------------|----|--|
|                                      |              |    | type of product                                |
| Substance Groups relevant properties | Not Relevant | -- | Parameter not relevant for the type of product |

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## **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

Do not use in combination with other products.

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

### 10.2. Chemical stability

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

### 10.3. Possibility of hazardous reactions

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

See also section 7.2.

### 10.4. Conditions to avoid

Avoid direct sunlight and exposure to heat sources.

Different uses than recommended. Do not use in combination with other products. See also 1.2 and 7.2

### 10.5. Incompatible materials

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability. see also 1.2 and 7.2.

### 10.6. Hazardous decomposition products

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

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## **SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

Toxicological information of the product:

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#### a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

#### b) skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

#### c) serious eye damage/irritation

The product is classified: Eye Irrit. 2 H319

#### d) respiratory or skin sensitisation

Not classified

Based on available data, the classification criteria are not met

#### e) germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

#### f) carcinogenicity

Not classified

Based on available data, the classification criteria are not met

#### g) reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

#### h) STOT-single exposure

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Not classified

Based on available data, the classification criteria are not met

i) STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

j) aspiration hazard

Not classified

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

Below are reported, if available, the toxicological information of the components listed in paragraph 3.2.

2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Mouse = 2410 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 2764 mg/kg

Test: LC50 - Route: Inhalation Vapour - Species: Rat > 29 ppm - Duration: 2h

b) skin corrosion/irritation:

Test: Skin Irritant No - Source: OECD 404

c) serious eye damage/irritation:

Test: Eye Irritant Yes - Source: OECD 405

d) respiratory or skin sensitisation:

Test: Skin or Resp. Sensitization Negative

e) germ cell mutagenicity:

Test: Mutagenesis Negative

f) carcinogenicity:

Test: Carcinogenicity Negative

g) reproductive toxicity:

Test: Reproductive Toxicity Negative

DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY)

PROPANOL - CAS: 34590-94-8

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 9510 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat = 3.35 mg/l - Duration: 7h

b) skin corrosion/irritation:

Test: Skin Irritant Negative

c) serious eye damage/irritation:

Test: Eye Irritant Negative

d) respiratory or skin sensitisation:

Test: Skin or Resp. Sensitization Negative

ALKOXYLATED FATTY ALCOHOL - CAS: 111905-53-4

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 300 mg/kg

b) skin corrosion/irritation:

Test: Skin Irritant - Route: Skin - Species: Rabbit Yes - Source: OECD 404 - Notes: slightly irritating

c) serious eye damage/irritation:

Test: Eye Corrosive - Species: Rabbit Positive - Source: OECD 405

L-(+)-LACTIC ACID - CAS: 79-33-4

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 7.94 mg/l - Duration: 4h

Test: LD50 - Route: Oral - Species: Rat = 3543 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

b) skin corrosion/irritation:

Test: Skin Irritant - Route: Skin - Species: Rabbit Positive - Notes: Sol 88%



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- c) serious eye damage/irritation:  
Test: Eye Corrosive Positive - Notes: Sol 88%
- i) STOT-repeated exposure:  
Test: NOAEL - Route: Oral - Species: Rat = 50000 mg/l  
2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5  
LD50 (RAT) ORAL: 6560 MG/KG  
LD50 (RABBIT) SKIN: 4120 MG/KG

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## SECTION 12: Ecological information

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment. Until the revision date of this document, are not available experimental data on the mixture. Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

#### ECOCAPS BATH ECOLABEL

Not classified for environmental hazards  
Based on available data, the classification criteria are not met

#### 2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5

- a) Aquatic acute toxicity:  
Endpoint: LC50 - Species: Fish = 1300 mg/l - Duration h: 96 - Notes: Lepomis macrochirus  
Endpoint: EC50 - Species: Daphnia > 100 mg/l - Duration h: 48 - Notes: Daphnia magna  
Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 72 - Notes: Scenedesmus subspicatus  
Endpoint: EC10 - Species: Microorganisms / Effect on activated sludge: > 1995 mg/l - Duration h: 0.5

#### DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY) PROPANOL - CAS: 34590-94-8

- a) Aquatic acute toxicity:  
Endpoint: LC50 - Species: Fish > 1000 mg/l - Duration h: 96 - Notes: Poecilia reticulata  
Endpoint: LC50 - Species: Daphnia = 1919 mg/l - Duration h: 48 - Notes: Daphnia magna  
Endpoint: EC50 - Species: Algae > 969 mg/l - Duration h: 96 - Notes: Pseudokirchneriella subcapitata  
Endpoint: LC50 - Species: Daphnia > 1000 mg/l - Duration h: 96 - Notes: Crangon crangon  
Endpoint: EC50 - Species: Algae = 6999 mg/l - Duration h: 72 - Notes: Skeletonema costatum
- b) Aquatic chronic toxicity:  
Endpoint: NOEC - Species: Daphnia > 0.5 mg/l - Duration h: 528 - Notes: Daphnia magna
- c) Bacteria toxicity:  
Endpoint: EC10 - Species: Microorganisms / Effect on activated sludge: = 4168 mg/l - Duration h: 18 - Notes: Pseudomonas putida

#### ALKOXYLATED FATTY ALCOHOL - CAS: 111905-53-4

- a) Aquatic acute toxicity:  
Endpoint: LC50 - Species: Fish > 1 mg/l - Duration h: 96 - Notes: Leuciscus Idus  
Endpoint: EC50 - Species: Daphnia > 1 mg/l - Duration h: 48 - Notes: Daphnia mag
- b) Aquatic chronic toxicity:  
Endpoint: NOEC - Species: Daphnia > 0.1 mg/l - Duration h: 504 - Notes: Daphnia magna

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c) Bacteria toxicity:

Endpoint: EC10 - Species: Microorganisms / Effect on activated sludge: > 1000 mg/l -  
Notes: DEV-L2

L-(+)-LACTIC ACID - CAS: 79-33-4

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae = 2800 mg/l - Duration h: 72 - Notes: Selenastrum  
capricornutum

Endpoint: EC50 - Species: Daphnia = 130 mg/l - Duration h: 48 - Notes: Daphnia  
magna

Endpoint: LC50 - Species: Fish = 195 mg/l - Duration h: 96 - Notes: Danio rerio

Endpoint: LC50 - Species: Microorganisms / Effect on activated sludge: > 100 mg/l -  
Duration h: 3

12.2. Persistence and degradability

Until the revision date of this document, are not available experimental data on the mixture.  
Below are reported, if available, the eco-toxicological information of the components listed in  
paragraph 3.2.

2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5

Biodegradability: Readily biodegradable - Test: OECD 301C - Duration: 28 days - %:  
80-90

DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY)

PROPANOL - CAS: 34590-94-8

Biodegradability: Readily biodegradable - Duration: 28 days - %: 75 - Notes: OECD  
301F

ALKOXYLATED FATTY ALCOHOL - CAS: 111905-53-4

Biodegradability: Readily biodegradable - Test: OECD 301F - Duration: 28 days -  
Notes: >60% BOD del ThOD

L-(+)-LACTIC ACID - CAS: 79-33-4

Biodegradability: Readily biodegradable

The surfactant(s) contained in this preparation complies with the biodegradability criteria laid  
down in Regulation (EC) No 648/2004 on detergents. All supporting data are kept available to  
the competent authorities of the Member States and will be provided to those authorities if  
they so request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

Until the revision date of this document, are not available experimental data on the mixture.  
Below are reported, if available, the eco-toxicological information of the components listed in  
paragraph 3.2.

2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5

Bioaccumulation: Not bioaccumulative - Test: Kow - Partition coefficient 0.56

DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY)

PROPANOL - CAS: 34590-94-8

Bioaccumulation: Slightly bioaccumulative - Test: BCF - Bioconcentration factor -  
Notes: < 100

ALKOXYLATED FATTY ALCOHOL - CAS: 111905-53-4

Bioaccumulation: Not bioaccumulative

L-(+)-LACTIC ACID - CAS: 79-33-4

Bioaccumulation: Not bioaccumulative

12.4. Mobility in soil

Until the revision date of this document, are not available experimental data on the mixture.  
Below are reported, if available, the eco-toxicological information of the components listed in  
paragraph 3.2.

DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY)

PROPANOL - CAS: 34590-94-8

Mobility in soil: Mobile

12.5. Results of PBT and vPvB assessment

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- vPvB Substances: None - PBT Substances: None
- 12.6. Other adverse effects  
Until the revision date of this document, unknown adverse effects and symptoms towards the environment.

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#### SECTION 13: Disposal considerations

- 13.1. Waste treatment methods  
Recover if possible. In so doing, comply with the local and national regulations currently in force. Do not discharge into the ground or into drains.  
See also section 6.

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#### SECTION 14: Transport information

- 14.1. UN number  
Not classified as dangerous in the meaning of transport regulations.
- 14.2. UN proper shipping name  
Not applicable
- 14.3. Transport hazard class(es)  
Not applicable
- 14.4. Packing group  
Not applicable
- 14.5. Environmental hazards  
ADR-Environmental Pollutant: No  
IMDG-Marine pollutant: No
- 14.6. Special precautions for user  
Not applicable
- 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code  
Not applicable

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#### SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
Dir. 98/24/EC (Risks related to chemical agents at work)  
Dir. 2000/39/EC (Occupational exposure limit values)  
Regulation (EC) n. 1907/2006 (REACH)  
Regulation (EC) n. 1272/2008 (CLP)  
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013  
Regulation (EU) 2015/830  
Regulation (EU) n. 286/2011 (ATP 2 CLP)  
Regulation (EU) n. 618/2012 (ATP 3 CLP)  
Regulation (EU) n. 487/2013 (ATP 4 CLP)  
Regulation (EU) n. 944/2013 (ATP 5 CLP)  
Regulation (EU) n. 605/2014 (ATP 6 CLP)  
Regulation (EU) n. 2015/1221 (ATP 7 CLP)  
Regulation (EU) n. 2016/918 (ATP 8 CLP)  
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
- Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:  
None
- Where applicable, refer to the following regulatory provisions :  
Directive 2012/18/EU (Seveso III)  
Regulation (EC) nr 648/2004 (detergents).  
Dir. 2004/42/EC (VOC directive)



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Provisions related to directive EU 2012/18 (Seveso III):  
Seveso III category according to Annex 1, part 1  
None

#### 15.2. Chemical safety assessment

No, for instructions on safe mangling you see Sections 7 and 8 and the exposure scenario - Annex I of this document.

No Chemical Safety Assessment has been carried out for the mixture.

Substances for which a Chemical Safety Assessment has been carried out:

None

## SECTION 16: Other information

Full text of phrases referred to in Section 3:

H319 Causes serious eye irritation.

H302 Harmful if swallowed.

H412 Harmful to aquatic life with long lasting effects.

H315 Causes skin irritation.

H318 Causes serious eye damage.

| Hazard class and hazard category | Code       | Description                                    |
|----------------------------------|------------|--|
| Acute Tox. 4                     | 3.1/4/Oral | Acute toxicity (oral), Category 4              |
| Skin Irrit. 2                    | 3.2/2      | Skin irritation, Category 2                    |
| Eye Dam. 1                       | 3.3/1      | Serious eye damage, Category 1                 |
| Eye Irrit. 2                     | 3.3/2      | Eye irritation, Category 2                     |
| Aquatic Chronic 3                | 4.1/C3     | Chronic (long term) aquatic hazard, category 3 |

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

| Classification according to Regulation (EC) Nr. 1272/2008 | Classification procedure |
|---|--------------------------|
| Eye Irrit. 2, H319  | Calculation method       |

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.



## Safety Data Sheet

### ECOCAPS BATH ECOLABEL

|                   |   |
|-------------------|---|
| EC0/10/20/50/100: | Effective concentration, for 0/10/20/50/100 percent of test population.             |
| EINECS:           | European Inventory of Existing Commercial Chemical Substances.                      |
| GefStoffVO:       | Ordinance on Hazardous Substances, Germany.   |
| GHS:              | Globally Harmonized System of Classification and Labeling of Chemicals.             |
| IATA:             | International Air Transport Association.  |
| IATA-DGR:         | Dangerous Goods Regulation by the "International Air Transport Association" (IATA). |
| ICAO:             | International Civil Aviation Organization.  |
| ICAO-TI:          | Technical Instructions by the "International Civil Aviation Organization" (ICAO).   |
| IMDG:             | International Maritime Code for Dangerous Goods.                                    |
| INCI:             | International Nomenclature of Cosmetic Ingredients.                                 |
| KSt:              | Explosion coefficient.  |
| LC0/10/20/50/100: | Lethal concentration, for 0/10/20/50/100 percent of test population.                |
| LD0/10/20/50/100: | Lethal dose, for 0/10/20/50/100 percent of test population.                         |
| NOEC:             | No Observed Effect Concentration  |
| NOAEL(R)/N        | No Observed Adverse Effect Level(Repeated)/Concentration                            |
| OAEC:             |   |
| OECD:             | Organisation for Economic Co-operation and Development                              |
| PNEC:             | Predicted No Effect Concentration.  |
| RID:              | Regulation Concerning the International Transport of Dangerous Goods by Rail.       |
| STEL:             | Short Term Exposure limit.  |
| STOT:             | Specific Target Organ Toxicity.   |
| TLV:              | Threshold Limiting Value.   |
| TWA:              | Time-weighted average   |
| WGK:              | German Water Hazard Class.  |



**Safety Data Sheet**  
**ECOCAPS BATH ECOLABEL**

ANNEX I  
 PROFESSIONAL TRIGGER PRODUCT – DETERGENT FOR HARD SURFACES

|   |   |
|---|---|
| <b>Title of exposure scenario</b>   |   |
| Detergent for general cleaning: Manual process.   |   |
| <b>Use description</b>  |   |
| Sector Use  | SU22 – Professional use   |
| Product Category  | PC35 – Washing and cleaning products (including solvent based products) |
| <b>Description of activities/process considered on exposure scenario.</b>   |   |
| If required, transfer product from canister to trigger bottle.  |   |
| Use following the use instruction as specified on the label.  |   |
| Leave on.   |   |
| Rinse, if necessary.  |   |
| <b>Frequency and duration</b>   |   |
| Use phase   | Daily, depending on room size and room dirty conditions.                |
| Relevant limit values of ingredients, if available, are stated in section 8 of the SDS.   |   |
| <b>Physical appearance and concentration</b>  |   |
| Liquid. To dilute or ready to use.  |   |
| In section 2 of the SDS of product and on the label the classification of mixture is provided.  |   |
| Mixture classification is based on ingredients classification and on chemical/physical properties stated in section 9 of the SDS of product.          |   |
| <b>Use conditions</b>   |   |
| Room temperature  |   |
| Good general ventilation at workplace is sufficient.  |   |
| <b>Protection</b>   |   |
| Avoid spray inhalation.   |   |
| See section 8 of the SDS of product to more information on PPE.   | Training of worker to use and maintenance of PPE is supposed.           |
| Don't eat or drink, don't smoke.  | Avoid contact with damaged skin.  |
| No open flame.  | Do not use in combination with other products                           |
| Wash hand after use.  |   |
| In case of accidental release: dilute with water and dry.   |   |
| See section 6 of the SDS in case of accidental release  |   |
| Follow use instruction as specified on the label or on technical sheet. Use good occupational hygiene practices as specified in section 7 on the SDS. |   |
| <b>Environmental measures</b>   |   |
| See section 6 of the SDS in case of accidental release  |   |
| See section 12 of the SDS for ecotoxicological information of mixture and dangerous ingredients.  |   |
| See section 13 of the SDS for disposal considerations.  |   |

Note:

SDS: Safety Data Sheet

PPE: Personal Protection Equipment