

Safety Data Sheet

EMULSIO NATURALE SGRASSATORE CASA E BUCATO - RICARICA

Safety Data Sheet dated 24/6/2016, version 2

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

1.1. Product identifier

Mixture identification

Trade name: EMULSIO NATURALE SGRASSATORE CASA E BUCATO - RICARICA

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use:

Concentrated detergent for hard surfaces.

Consumer use (SU21) - Products for washing and cleaning (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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

 Warning, Skin Irrit. 2, Causes skin irritation.

 Danger, Eye Dam. 1, Causes serious eye damage.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Danger

Hazard statements:

H315 Causes skin irritation.

H318 Causes serious eye damage.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P264 Wash hands thoroughly after handling.

P280 Wear eye protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Safety Data Sheet

EMULSIO NATURALE SGRASSATORE CASA E BUCATO - RICARICA

P310 Immediately call a POISON CENTER or doctor/physician.

Special Provisions:

None

Contents

ALKYL POLYGLYCOL ETHER C8-10

QUATERNARY C12-14 ALKYL METHYL AMINE ETHOXYLATED METHYL CHLORIDE

2-AMINOETHANOL

ALKYL POLYGLUCOSIDE

Product contents:

cationic surfactants, non-ionic surfactants

5 - 15 %

polycarboxylates

< 5 %

The product also contains: Perfumes

Allergens:

Preservatives:

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

None

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

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:

>= 10% - < 12.5% 3-BUTOXY-2-PROPANOL; PROPYLENE GLYCOL MONOBUTYL ETHER

REACH No.: 01-2119475527-28, Index number: 603-052-00-8, CAS: 5131-66-8, EC:

225-878-4

 2.6/3 Flam. Liq. 3 H226

 3.3/2 Eye Irrit. 2 H319

 3.2/2 Skin Irrit. 2 H315


>= 10% - < 12.5% ALKYL POLYGLYCOL ETHER C8-10

CAS: 71060-57-6

 3.3/1 Eye Dam. 1 H318

>= 7% - < 10% QUATERNARY C12-14 ALKYL METHYL AMINE ETHOXYLATED METHYL CHLORIDE

CAS: 1554325-20-0

 3.1/4/Oral Acute Tox. 4 H302

 3.2/2 Skin Irrit. 2 H315

 3.3/1 Eye Dam. 1 H318

>= 5% - < 7% ALKYL POLYGLUCOSIDE

Safety Data Sheet


EMULSIO NATURALE SGRASSATORE CASA E BUCATO - RICARICA

REACH No.: 01-2119488530-36, CAS: 68515-73-1, EC: 500-220-1

 3.3/1 Eye Dam. 1 H318

>= 3% - < 5% 2-AMINOETHANOL


REACH No.: 01-2119486455-28, Index number: 603-030-00-8, CAS: 141-43-5, EC: 205-483-3

 3.2/1B Skin Corr. 1B H314

4.1/C3 Aquatic Chronic 3 H412

 3.8/3 STOT SE 3 H335

 3.1/4/Oral Acute Tox. 4 H302

 3.1/4/Dermal Acute Tox. 4 H312

 3.1/4/Inhal Acute Tox. 4 H332

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.

OBTAIN IMMEDIATE MEDICAL ATTENTION.

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:

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:

Severe skin and eye irritation for contact.

Irritation interior system if swallowed.

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

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.

SECTION 5: Firefighting measures

- 5.1. Extinguishing media
Suitable extinguishing media:
Water.
Carbon dioxide (CO₂).
Extinguishing media which must not be used for safety reasons:
None in particular.
- 5.2. Special hazards arising from the substance or mixture
The product does not contain ingredients classified as explosive according to Regulation 1272/2008/EC (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).
-

SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures
Wear personal protection equipment.
Remove all sources of ignition.
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
-

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.
Do not store in open or unlabeled containers.
Keep away from food, drink and feed.
Incompatible materials:
None in particular.
Instructions as regards storage premises:

Safety Data Sheet

EMULSIO NATURALE SGRASSATORE CASA E BUCATO - RICARICA

Adequately ventilated premises.

- 7.3. Specific end use(s)
None in particular

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-AMINOETHANOL - CAS: 141-43-5

EU - LTE(8h): 2.5 mg/m³, 1 ppm - STE: 7.6 mg/m³, 3 ppm - Notes: Bold-type: Indicative Occupational Exposure Limit Values [2,3] and Limit Values for Occupational Exposure

[4] (for references see bibliography)

ACGIH - LTE(8h): 3 ppm - STE: 6 ppm - Notes: Eye and skin irr

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.

3-BUTOXY-2-PROPANOL; PROPYLENE GLYCOL MONOBUTYL ETHER - CAS: 5131-66-8

Worker Industry: 44 mg/kg - Consumer: 16 mg/kg - Exposure: Human Dermal -

Frequency: Long Term, systemic effects - Notes: bw/day

Worker Industry: 270.5 mg/m³ - Consumer: 33.8 mg/m³ - Exposure: Human Inhalation -

Frequency: Long Term, systemic effects

Consumer: 8.75 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic

effects - Notes: bw/day

ALKYL POLYGLUCOSIDE - CAS: 68515-73-1

Worker Industry: 595000 mg/kg - Consumer: 357000 mg/kg - Exposure: Human Dermal -

Frequency: Long Term, systemic effects

Worker Industry: 420 mg/m³ - Consumer: 124 mg/m³ - Exposure: Human Inhalation -

Frequency: Long Term, systemic effects

Consumer: 35.7 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic

effects

2-AMINOETHANOL - CAS: 141-43-5

Worker Industry: 1 mg/kg - Consumer: 0.24 mg/kg - Exposure: Human Dermal -

Frequency: Long Term, systemic effects

Worker Industry: 3.3 mg/m³ - Consumer: 2 mg/m³ - Exposure: Human Inhalation -

Frequency: Long Term (repeated)

Consumer: 3.75 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.

3-BUTOXY-2-PROPANOL; PROPYLENE GLYCOL MONOBUTYL ETHER - CAS: 5131-66-8

Target: Marine water - Value: 0.0525 mg/l

Target: Marine water sediments - Value: 0.236 mg/kg

Target: Soil (agricultural) - Value: 0.16 mg/kg

Target: Microorganisms in sewage treatments - Value: 10 ppm

Target: Freshwater sediments - Value: 2.36 mg/kg

ALKYL POLYGLUCOSIDE - CAS: 68515-73-1

Target: Marine water - Value: 0.0176 mg/l

Target: Microorganisms in sewage treatments - Value: 560 mg/l

Target: Marine water sediments - Value: 0.152 mg/kg

Target: Soil (agricultural) - Value: 0.654 mg/kg

Target: Food chain - Value: 111.11 mg/kg

2-AMINOETHANOL - CAS: 141-43-5

Target: Marine water - Value: 0.0085 mg/l

Safety Data Sheet

EMULSIO NATURALE SGRASSATORE CASA E BUCATO - RICARICA

Target: Fresh Water - Value: 0.085 mg/l

Target: Air - Value: 0.025 mg/l

Target: Marine water sediments - Value: 0.0425 mg/kg

Target: Microorganisms in sewage treatments - Value: 100 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 (EN14605 in case of spray or EN 13982 in case of powder).

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber. (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:

The product is not dangerous for the environment - see section 2.1.

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

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:	Opaque liquid, white	Visual	--
Odour:	Apple vinegar	Olfactory	--
Odour threshold:	Evident	Olfactory	--
pH:	<11,4	Instrumental control	--
Melting point / freezing point:	Not applicable	--	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:	>65° ° C	--	Estimated value on chemical / physical properties of components
Evaporation rate:	Not applicable	--	Parameter not relevant for the type of product
Solid/gas flammability:	Not applicable	--	--
Upper/lower flammability or explosive limits:	Not applicable	--	Parameter not relevant for the type of product

Safety Data Sheet

EMULSIO NATURALE SGRASSATORE CASA E BUCATO - RICARICA

Vapour pressure:	Not applicable	--	Parameter not relevant for the type of product
Vapour density:	Not applicable	--	Parameter not relevant for the type of product
Relative density:	1.030 g/ml	Instrumental control	--
Solubility in water:	Total	--	Internal test
Solubility in oil:	Partial	--	Parameter not relevant for the type of product
Partition coefficient (n-octanol/water):	< 1000	--	Value estimated based on the solubility of the mixture.
Auto-ignition temperature:	Not applicable	--	Parameter not relevant for the type of product
Decomposition temperature:	Not applicable	--	Parameter not relevant for the type of product
Viscosity:	Not applicable	--	Estimated indicative value. Not viscous mixture.
Explosive properties:	Not applicable	--	Parameter not relevant for product composition.
Oxidizing properties:	Not applicable	--	Parameter not relevant for product composition.

9.2. Other information

Properties	Value	Method:	Notes:
Miscibility:	Not applicable	--	Parameter not relevant for the type of product
Fat Solubility:	Not applicable	--	Parameter not relevant for the type of product
Conductivity:	Not applicable	--	Parameter not relevant for the type of product
Substance Groups relevant properties	Not applicable	--	Parameter not relevant for the type of product

SECTION 10: Stability and reactivity

10.1. Reactivity

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

Do not use in combination with other products.

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

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

10.5. Incompatible materials

Safety Data Sheet

EMULSIO NATURALE SGRASSATORE CASA E BUCATO - RICARICA

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.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological information of the mixture:

Until the revision date of this document, are not available experimental toxicological data on the mixture.

For the classification of the mixture see section 2.1.

Not applicable

Toxicological information of the main substances found in the mixture:

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

3-BUTOXY-2-PROPANOL; PROPYLENE GLYCOL MONOBUTYL ETHER - CAS: 5131-66-8

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 3300 mg/kg

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

Test: LC50 - Route: Inhalation - Species: Rat > 3.5 mg/l - Duration: 4h

b) skin corrosion/irritation:

Test: Skin Irritant - Route: Skin Yes

c) serious eye damage/irritation:

Test: Eye Irritant Yes

d) respiratory or skin sensitisation:

Test: Skin Sensitization - Route: Skin No

i) STOT-repeated exposure:

Test: STOT Rip No

ALKYL POLYGLYCOL ETHER C8-10 - CAS: 71060-57-6

a) acute toxicity:

Test: LD50 - Route: Oral > 2000 mg/kg

b) skin corrosion/irritation:

Test: Skin Irritant Negative

c) serious eye damage/irritation:

Test: Eye Corrosive Positive

e) germ cell mutagenicity:

Test: Mutagenesis Negative

QUATERNARY C12-14 ALKYL METHYL AMINE ETHOXYLATED METHYL CHLORIDE - CAS: 1554325-20-0

a) acute toxicity:

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

b) skin corrosion/irritation:

Test: Skin Irritant Positive

c) serious eye damage/irritation:

Test: Eye Corrosive Positive

d) respiratory or skin sensitisation:

Test: Skin Sensitization Negative

e) germ cell mutagenicity:

Test: Mutagenesis Negative - Source: Ames test

ALKYL POLYGLUCOSIDE - CAS: 68515-73-1

a) acute toxicity:

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

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

Safety Data Sheet

EMULSIO NATURALE SGRASSATORE CASA E BUCATO - RICARICA

- b) skin corrosion/irritation:
Test: Skin Irritant Negative
 - c) serious eye damage/irritation:
Test: Eye Corrosive Positive
 - d) respiratory or skin sensitisation:
Test: SKIN_INHAL Negative
 - e) germ cell mutagenicity:
Test: Mutagenesis Negative - Source: Ames test
- 2-AMINOETHANOL - CAS: 141-43-5
- a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 1515 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit = 2504 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat > 1.3 mg/l - Duration: 6h
 - b) skin corrosion/irritation:
Test: Skin Corrosive - Route: Skin - Species: Rabbit Positive
 - c) serious eye damage/irritation:
Test: Eye Corrosive - Species: Rabbit Positive
 - d) respiratory or skin sensitisation:
Test: SKIN_INHAL Negative
 - e) germ cell mutagenicity:
Test: Mutagenesis Negative

If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as Not Applicable:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

The environmental hazard of the product are reported in Section 2.1 if applicable.

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.

3-BUTOXY-2-PROPANOL; PROPYLENE GLYCOL MONOBUTYL ETHER - CAS: 5131-66-8

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 560 mg/l - Duration h: 96 - Notes: Poecilia reticulata

Endpoint: EC50 - Species: Daphnia > 1000 mg/l - Duration h: 48 - Notes: Daphnia magna

Endpoint: EC50 - Species: Algae > 1000 mg/l - Duration h: 96 - Notes:

Pseudokirchneriella subcapitata

c) Bacteria toxicity:

Endpoint: EC50 - Species: FANGHI > 1000 mg/l - Duration h: 3

e) Plant toxicity:

Endpoint: NOEC - Species: Algae = 560 mg/l - Duration h: 96 - Notes:

Pseudokirchneriella subcapitata

ALKYL POLYGLYCOL ETHER C8-10 - CAS: 71060-57-6

Safety Data Sheet

EMULSIO NATURALE SGRASSATORE CASA E BUCATO - RICARICA

- a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish > 1 mg/l
- b) Aquatic chronic toxicity:
Species: Fish > 1 mg/l
- c) Bacteria toxicity:
Endpoint: EC0 - Species: microorganism > 100 mg/l
- QUATERNARY C12-14 ALKYL METHYL AMINE ETHOXYLATED METHYL CHLORIDE -
CAS: 1554325-20-0

- a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish > 10 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia > 1 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae > 1 mg/l - Duration h: 72

ALKYL POLYGLUCOSIDE - CAS: 68515-73-1

- a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish > 100 mg/l - Notes: Brachydanio rerio
Endpoint: EC50 - Species: Daphnia > 100 mg/l - Notes: Daphnia magna
Endpoint: EC50 - Species: Algae > 10 mg/l - Notes: Scenedesmus subspicatus
Endpoint: EC0 - Species: microorganism > 100 mg/l - Notes: Pseudomonas putida

- b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Fish > 1 mg/l - Notes: Pseudomonas putida
Endpoint: NOEC - Species: Daphnia > 1 mg/l - Notes: Daphnia magna

2-AMINOETHANOL - CAS: 141-43-5

- a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 349 mg/l - Duration h: 96 - Notes: Cyprinus carpio
Endpoint: LC50 - Species: Fish = 170 mg/l - Duration h: 96 - Notes: Carassius auratus
Endpoint: EC50 - Species: Daphnia = 65 mg/l - Duration h: 48 - Notes: Daphnia magna
Endpoint: EC50 - Species: Algae = 2.5 mg/l - Duration h: 72 - Notes: Selenastrum capricornutum
Endpoint: EC50 - Species: Algae = 22 mg/l - Duration h: 72 - Notes: Scenedesmus subspicatus
Endpoint: NOEC - Species: Algae = 1 mg/l - Duration h: 72 - Notes: Selenastrum capricornutum

- b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Fish = 1.2 mg/l - Duration h: 720 - Notes: Oryzias latipes
Endpoint: NOEC - Species: Daphnia = 0.85 mg/l - Duration h: 504 - Notes: Daphnia magna

- c) Bacteria toxicity:
Endpoint: EC50 - Species: microorganism = 110 mg/l - Duration h: 16 - Notes: Pseudomonas putida

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.

3-BUTOXY-2-PROPANOL; PROPYLENE GLYCOL MONOBUTYL ETHER - CAS: 5131-66-8

Biodegradability: Readily biodegradable - Duration: 28 days - %: 90

ALKYL POLYGLYCOL ETHER C8-10 - CAS: 71060-57-6

Biodegradability: Readily biodegradable

QUATERNARY C12-14 ALKYL METHYL AMINE ETHOXYLATED METHYL CHLORIDE -
CAS: 1554325-20-0

Biodegradability: Readily biodegradable - Test: OECD 301D

ALKYL POLYGLUCOSIDE - CAS: 68515-73-1

Biodegradability: Readily biodegradable

2-AMINOETHANOL - CAS: 141-43-5

Biodegradability: Readily biodegradable - Test: OECD 301A - Duration: 21 days - %: >90%

Safety Data Sheet

EMULSIO NATURALE SGRASSATORE CASA E BUCATO - RICARICA

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.

3-BUTOXY-2-PROPANOL; PROPYLENE GLYCOL MONOBUTYL ETHER - CAS: 5131-66-8

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

ALKYL POLYGLYCOL ETHER C8-10 - CAS: 71060-57-6

Bioaccumulation: Not bioaccumulative

2-AMINOETHANOL - CAS: 141-43-5

Bioaccumulation: Slightly 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.

3-BUTOXY-2-PROPANOL; PROPYLENE GLYCOL MONOBUTYL ETHER - CAS: 5131-66-8

Mobility in soil: Mobile - Test: Not applicable Not applicable - Duration: Not applicable -

Notes: Not applicable

12.5. Results of PBT and vPvB assessment

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.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. 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

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

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)

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 :

Regulation (EC) nr 648/2004 (detergents).
1999/13/EC (VOC directive)

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.

SECTION 16: Other information

Full text of phrases referred to in Section 3:

H226 Flammable liquid and vapour.
H319 Causes serious eye irritation.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H412 Harmful to aquatic life with long lasting effects.
H335 May cause respiratory irritation.
H312 Harmful in contact with skin.
H332 Harmful if inhaled.

Paragraphs modified from the previous revision:

SECTION 1: Identification of the substance/mixture and of the company/undertaking
SECTION 3: Composition/information on ingredients
SECTION 4: First aid measures
SECTION 5: Firefighting measures
SECTION 7: Handling and storage
SECTION 8: Exposure controls/personal protection
SECTION 9: Physical and chemical properties
SECTION 10: Stability and reactivity
SECTION 11: Toxicological information
SECTION 12: Ecological information
SECTION 14: Transport information

SECTION 15: Regulatory information

The classification of product is based on conventional 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.
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.
LC50:	Lethal concentration, for 0/10/20/50/100 percent of test population.
LD50:	Lethal dose, for 0/10/20/50/100 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.

Safety Data Sheet

EMULSIO NATURALE SGRASSATORE CASA E BUCATO - F



ANNEX I CONSUMER TRIGGER PRODUCT – DETERGENT FOR HARD SURFACES

Title of exposure scenario	
Detergent for general cleaning: Manual process.	
Use description	
Sector Use	SU21 – Consumer use
Product Category	PC35 – Cleaning and washing product (including solvent based products)
Description of activities/process considered on exposure scenario.	
If required, transfer product from canister to trigger bottle.	
Use following the use instruction as specified on the label.	
Leave on.	
Rinse, if necessary.	
Frequency and duration	
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.	
Physical appearance and concentration	
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.	
Use conditions	
Room temperature	
Good general ventilation at workplace is sufficient.	
Protection	
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.	
Environmental measures	
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