

**Safety Data Sheet according to Reg. (EC) n.1907/2006 (REACH) -
SOFT NEROVIVO**

Safety Data Sheet dated 20/4/2026, version 6

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

1.1. Product identifier

Mixture identification:

Trade name:

SOFT NEROVIVO

Trade code:

G08-012

UFI:

A7H1-A06A-P009-G6VQ

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

Recommended use:

Liquid detergent for textiles. For professional use.

Products categories: PC35 - washing and cleaning products. This category includes water and solvent based products.

Use at industrial sites (IS). Widespread use by professional workers (PW).

Uses advised against:

Do not use for purposes other than those indicated.

1.3. Details of the supplier of the safety data sheet

Company:

G.B.M. ELETTROCHIMICA s.r.l.

Via Fiumicino San Mauro, 120/130 - 47039 – Savignano Sul Rubicone (FC) Italy

tel +39 0541 930058

e-mail: gbm@gbmprodottichimici.it**web site:** www.gbmprodottichimici.it

1.4. Emergency telephone number

+39 0541-930058

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

Eye Dam. 1, H318 Causes serious eye damage.

Skin Sens. 1, H317 May cause an allergic skin reaction.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Danger

Hazard statements:

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

Precautionary statements:

P261 Avoid breathing vapours.

P280 Wear protective gloves and eye/face 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.

P312 In case of malaise, contact a POISON CENTRE/doctor.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container in accordance with applicable regulations.

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Special Provisions:

None

Contains

Ethoxylated alcohol

2-methylisothiazol-3(2H)-one

Benzenesulphonic acid, sodium salts.

Sodium lauryl ether sulfate

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one: May produce an allergic reaction.

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

None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration $\geq 0.1\%$

Other Hazards:

No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Ingredients according to EC Detergents Regulation 648/2004:

5-15%: anionic surfactants

<5%: non-ionic surfactants, amphoteric thesioactives, soaps, polycarboxylates, phosphonates.

Other comp.: enzymes, perfume, butylphenyl methylpropional, hexyl cinnamal,

1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one

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

Qty	Name	Ident. Number	Classification
$\geq 1\%$ - < 5%	Ethoxylated alcohol	CAS: 69011-36-5	 3.3/1 Eye Dam. 1 H318  3.1/4/Oral Acute Tox. 4 H302
$\geq 1\%$ - < 5%	Fatty acids, coco, potassium salt	CAS: 61789-30-8 EC: 263-049-9	 3.3/2 Eye Irrit. 2 H319  3.2/2 Skin Irrit. 2 H315
$\geq 1\%$ - < 5%	Sodium lauryl ether sulfate	CAS: 68891-38-3 EC: 500-234-8 REACH No.: 01-2119488639-16-XXXX	 3.2/2 Skin Irrit. 2 H315  3.3/1 Eye Dam. 1 H318 4.1/C3 Aquatic Chronic 3 H412 Specific Concentration Limits: C $\geq 10\%$: Eye Dam. 1 H318 5% $\leq$ C < 10%: Eye Irrit. 2 H319
$\geq 1\%$ - < 5%	Benzenesulphonic acid, sodium salts.	CAS: 68411-30-3 EC: 270-115-0 REACH No.: 01-2119489428-22-XXXX	 3.1/4/Oral Acute Tox. 4 H302  3.2/2 Skin Irrit. 2 H315  3.3/1 Eye Dam. 1 H318 4.1/C3 Aquatic Chronic 3 H412
37 ppm	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	Index number: 613-088-00-6 CAS: 2634-33-5	 3.1/2/Inhal Acute Tox. 2 H330

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		EC: 220-120-9 REACH No.: 01-2120761540-60-XXXX	 3.1/4/Oral Acute Tox. 4 H302  3.2/2 Skin Irrit. 2 H315  3.3/1 Eye Dam. 1 H318  3.4.2/1A Skin Sens. 1A H317  4.1/A1 Aquatic Acute 1 H400 M=1.  4.1/C1 Aquatic Chronic 1 H410 M=1. Specific Concentration Limits: C >= 0,036%: Skin Sens. 1A H317 Acute Toxicity Estimate: ATE - Oral 450 mg/kg bw ATE - Inhalation (Dust/mist) 0,21 mg/l
37 ppm	2-methylisothiazol-3(2H)-one	Index number: 613-326-00-9 CAS: 2682-20-4 EC: 220-239-6 REACH No.: 01-2120764690-50-XXXX	 3.1/2/Inhal Acute Tox. 2 H330  3.1/3/Dermal Acute Tox. 3 H311  3.1/3/Oral Acute Tox. 3 H301  3.2/1B Skin Corr. 1B H314  3.3/1 Eye Dam. 1 H318  3.4.2/1A Skin Sens. 1A H317  4.1/A1 Aquatic Acute 1 H400 M=10.  4.1/C1 Aquatic Chronic 1 H410 M=1. EUH071 Specific Concentration Limits: C >= 0,0015%: Skin Sens. 1A H317

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).

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Remove contaminated clothing immediately and dispose off safely.

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

None

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:

None

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

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.

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.

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.

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Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

7.2. Conditions for safe storage, including any incompatibilities

Store the product only in its original closed containers, in a cool, dry and well-ventilated areas at temperatures below 0 °C and not higher than 40 °C.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No occupational exposure limit available

DNEL Exposure Limit Values

Sodium lauryl ether sulfate - CAS: 68891-38-3

Worker Professional: 2750 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Notes: SDS

Worker Professional: 175 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects - Notes: SDS

Consumer: 1650 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Notes: SDS

Consumer: 15 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects - Notes: SDS

Worker Professional: 0.132 mg/cm² - Exposure: Human Dermal - Frequency: Long Term, local effects - Notes: SDS

Consumer: 52 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects - Notes: SDS

Consumer: 0.079 mg/cm² - Exposure: Human Dermal - Frequency: Long Term, local effects - Notes: SDS

Benzenesulphonic acid, sodium salts. - CAS: 68411-30-3

Worker Professional: 85 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 6 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 42.5 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 1.5 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 0.425 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one - CAS: 2634-33-5

Worker Professional: 6.81 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects - Endpoint: Repeated dose toxicity

Worker Professional: 996 µg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Endpoint: Repeated dose toxicity

Consumer: 1.2 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects - Endpoint: Repeated dose toxicity

Consumer: 345 µg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Endpoint: Repeated dose toxicity

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2-methylisothiazol-3(2H)-one - CAS: 2682-20-4

Worker Professional: 21 µg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects - Endpoint: Irritation (respiratory tract)

Worker Professional: 43 µg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects - Endpoint: Irritation (respiratory tract)

Consumer: 21 µg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects - Endpoint: Irritation (respiratory tract)

Consumer: 43 µg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects - Endpoint: Irritation (respiratory tract)

Consumer: 27 µg/kg b.w/day - Exposure: Human Oral - Frequency: Long Term, systemic effects - Endpoint: Repeated dose toxicity

Consumer: 53 µg/kg b.w/day - Exposure: Human Oral - Frequency: Short Term, systemic effects - Endpoint: Repeated dose toxicity

PNEC Exposure Limit Values

Sodium lauryl ether sulfate - CAS: 68891-38-3

Target: Fresh Water - Value: 0.24 mg/l - Notes:: SDS

Target: Marine water - Value: 0.024 mg/l - Notes:: SDS

Target: Freshwater sediments - Value: 0.9168 mg/kg dry weight - Notes:: SDS

Target: Marine water sediments - Value: 0.0917 mg/kg dry weight - Notes:: SDS

Target: Soil (agricultural) - Value: 7.5 mg/kg dry weight - Notes:: SDS

Target: Intermittent release - Value: 0.071 mg/l - Notes:: SDS

Target: Sewage treatment plant - Value: 10000 mg/l - Notes:: SDS

Benzenesulphonic acid, sodium salts. - CAS: 68411-30-3

Target: Fresh Water - Value: 0.268 mg/l

Target: Marine water - Value: 0.0268 mg/l

Target: Intermittent release - Value: 0.0167 mg/l

Target: Sewage treatment plant - Value: 3.43 mg/l

Target: Freshwater sediments - Value: 8.1 mg/kg dry weight

Target: Marine water sediments - Value: 6.8 mg/kg dry weight

Target: Soil - Value: 35 mg/kg dry weight

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one - CAS: 2634-33-5

Target: Fresh Water - Value: 4.03 µg/L

Target: Intermittent release (fresh water) - Value: 1.1 µg/L

Target: Marine water - Value: 403 ng/L

Target: Intermittent release (seawater) - Value: 110 ng/L

Target: Sewage treatment plant - Value: 1.03 mg/l

Target: Freshwater sediments - Value: 49.9 µg/kg dry weight

Target: Marine water sediments - Value: 4.99 µg/kg dry weight

Target: Soil - Value: 3 mg/kg dry weight

2-methylisothiazol-3(2H)-one - CAS: 2682-20-4

Target: Fresh Water - Value: 3.39 µg/L

Target: Intermittent release (fresh water) - Value: 3.39 µg/L

Target: Marine water - Value: 3.39 µg/L

Target: Intermittent release (seawater) - Value: 3.39 µg/L

Target: Sewage treatment plant - Value: 230 µg/L

Target: Soil - Value: 47.1 mg/kg dry weight

8.2. Exposure controls**Eye protection:**

Use close fitting safety goggles, don't use contact lenses.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

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

Respiratory protection:

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Not needed for normal use.

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	Whitish	--	--
Odour:	CHARACTERISTIC FRAGRANCE NOTE	--	--
Melting point/freezing point:	Not Relevant	--	--
Boiling point or initial boiling point and boiling range:	Not Relevant	--	--
Flammability:	Non-flammable	--	--
Lower and upper explosion limit:	Not Relevant	--	--
Flash point:	DOES NOT IGNITE/>100 °C	--	--
Auto-ignition temperature:	NOT AUTO FLAMMABLE	--	--
Decomposition temperature:	Not Relevant	--	--
pH:	9,3	--	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	COMPLETE	--	--
Solubility in oil:	INSOLUBLE	--	--
Partition coefficient n-octanol/water (log value):	Not Relevant	--	--
Vapour pressure:	Not Relevant	--	--
Density and/or relative density:	1.02 ± 0.05 kg/l	--	--
Relative vapour density:	Not Relevant	--	--

Particle characteristics:

Particle size:	N.A.	--	--
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9.2. Other information

Properties	Value	Method:	Notes
Explosive properties:	ABSENT	--	--
Miscibility:	MISCIBLE	--	--
Oxidizing properties:	ABSENT	--	--

SECTION 10: Stability and reactivity

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- 10.1. Reactivity
Stable under normal conditions
- 10.2. Chemical stability
The product is stable under normal conditions of use and storage.
- 10.3. Possibility of hazardous reactions
None
- 10.4. Conditions to avoid
Stable under normal conditions.
- 10.5. Incompatible materials
None in particular.
- 10.6. Hazardous decomposition products
Under normal conditions of storage and use, are not known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological information of the product:

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- a) acute toxicity
Not classified
No data available for the product
- b) skin corrosion/irritation
Not classified
No data available for the product
- c) serious eye damage/irritation
The product is classified: Eye Dam. 1 H318
- d) respiratory or skin sensitisation
The product is classified: Skin Sens. 1 H317
- e) germ cell mutagenicity
Not classified
No data available for the product
- f) carcinogenicity
Not classified
No data available for the product
- g) reproductive toxicity
Not classified
No data available for the product
- h) STOT-single exposure
Not classified
No data available for the product
- i) STOT-repeated exposure
Not classified
No data available for the product
- j) aspiration hazard
Not classified
No data available for the product

Toxicological information of the main substances found in the product:

Ethoxylated alcohol - CAS: 69011-36-5

- a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat range 300-2000 mg/kg bw
 - c) serious eye damage/irritation:
Route: Eyes - Species: Rabbit Positive
- Fatty acids, coco, potassium salt - CAS: 61789-30-8
- a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg
 - b) skin corrosion/irritation:

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- Positive - Source: N.A. - Causes skin irritation
- c) serious eye damage/irritation:
Positive - Source: N.A. - Causes serious eye damage
- Sodium lauryl ether sulfate - CAS: 68891-38-3
- a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg bw - Source: Value of literature - Based on available data, the classification criteria are not met
Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg bw - Source: Value of literature - Based on available data, the classification criteria are not met
- b) skin corrosion/irritation:
Species: Rabbit Positive - Source: OECD TG 404 - Causes skin irritation
- c) serious eye damage/irritation:
Test: Eye Corrosive - Species: Rabbit Positive - Source: Value of literature - Causes serious eye damage
Test: Eye Irritant - Species: Rabbit Positive - Source: Value of literature - Notes: in concentrations ≥ 5 - < 10%w/w - Causes eye irritation
- i) STOT-repeated exposure:
Test: NOAEL - Route: Oral - Species: Rat > 225 mg/kg di b.w./day - Source: Value of literature - Notes: target organs: liver. - symptoms: gastrointestinal disorders, liver disorders
- Benzenesulphonic acid, sodium salts. - CAS: 68411-30-3
- a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 1080 mg/kg - Harmful if ingested
Route: Inhalation
Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg - Based on available data, the classification criteria are not met
- b) skin corrosion/irritation:
Test: Skin Irritant - Species: Rabbit Yes - Causes skin irritation
- c) serious eye damage/irritation:
Test: Eye Corrosive - Species: Rabbit Yes - Causes serious eye damage
- d) respiratory or skin sensitisation:
Test: Maximisation Test - Species: Guinea pig Negative - Based on available data, the classification criteria are not met
- e) germ cell mutagenicity:
Test: In vitro genotoxicity Negative - Based on available data, the classification criteria are not met
Test: In vivo genotoxicity Negative - Based on available data, the classification criteria are not met
- f) carcinogenicity:
- g) reproductive toxicity:
Based on available data, the classification criteria are not met
Test: Teratogenicity - Based on available data, the classification criteria are not met
- h) STOT-single exposure:
Negative - Based on available data, the classification criteria are not met
- i) STOT-repeated exposure:
Negative - Based on available data, the classification criteria are not met
Test: NOAEL - Route: Oral - Species: Rat = 125 mg/kg di b.w./day - Duration: 28d
Test: NOAEL - Species: Rat = 40 mg/kg di b.w./day - Duration: 6M
Test: NOAEL - Species: Rat = 85 mg/kg di b.w./day - Duration: 9M
- Toxicological kinetics, metabolism and distribution information:
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one - CAS: 2634-33-5
- a) acute toxicity
ATE - Oral 450 mg/kg bw
ATE - Inhalation (Dust/mist) 0,21 mg/l
Test: LD50 - Route: Oral - Species: Rat = 490 mg/kg bw
Test: STA - Route: Oral = 500 mg/kg - Source: SDS

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Test: STA - Route: Inhalation Vapour = 0.501 mg/l - Source: SDS

Test: STA - Route: Inhalation of dust and fog = 0.051 mg/l - Source: SDS

2-methylisothiazol-3(2H)-one - CAS: 2682-20-4

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 120 mg/kg bw

Test: LD50 - Route: Skin - Species: Rat = 242 mg/kg bw

Test: LC50 - Route: Inhalation of dust and fog - Species: Rat = 0.11 mg/l - Duration: 4h

b) skin corrosion/irritation:

Test: Skin Corrosive Positive - Causes severe skin burns

c) serious eye damage/irritation:

Test: Eye Corrosive Positive - Causes serious eye damage

d) respiratory or skin sensitisation:

Test: Skin Sensitization Positive - May cause sensitisation in contact with skin

i) STOT-repeated exposure:

Test: NOAEL - Route: Oral - Species: Rat = 19 mg/kg di b.w./day

11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration $\geq 0.1\%$

SECTION 12: Ecological information

12.1. Toxicity

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

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Not classified for environmental hazards

Based on available data, the classification criteria are not met

Fatty acids, coco, potassium salt - CAS: 61789-30-8

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 1 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia > 1 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae > 1 mg/l - Duration h: 48

Sodium lauryl ether sulfate - CAS: 68891-38-3

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish $> 1-10$ mg/l - Notes: Brachydanio rerio; flow-through test; OECD TG 203.

Endpoint: EC50 - Species: Daphnia $> 1-10$ mg/l - Duration h: 48 - Notes: Daphnia magna; mortality; flow-through test; OECD TG 204

Endpoint: EC50 - Species: Algae $> 10-100$ mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus; growth rate; static test; OECD TG 201

b) Aquatic chronic toxicity:

Endpoint: NOEC (21d) - Species: Daphnia $> 0.1-1$ mg/l - Notes: Daphnia magna; reproduction rate; flow-through test; OECD TG 211; value of literature

Endpoint: NOEC (28D) - Species: Fish $> 0.1-1$ mg/l - Notes: Oncorhynchus mykiss; mortality; flow-through test; OECD TG 204; value of literature

c) Bacteria toxicity:

Endpoint: EC10 > 10.000 mg/l - Notes: Pseudomonas putida; chromosome multiplication inhibition test

d) Terrestrial toxicity:

Endpoint: NOEC (56d) - Species: Earthworms = 750 mg/kg bw - Notes: FC009

e) Plant toxicity:

Endpoint: NOEC - Species: Algae = 0.93 mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus; growth rate; static test; OECD TG 201

Benzenesulphonic acid, sodium salts. - CAS: 68411-30-3

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish $> 1-10$ mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia $> 1-10$ mg/l - Duration h: 48

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- b) Aquatic chronic toxicity:
 - Endpoint: NOEC (196d) - Species: Fish > 0.1-1 mg/l
 - Endpoint: NOEC (21d) - Species: Daphnia > 1-10 mg/l
- d) Terrestrial toxicity:
 - Endpoint: EC10 (28D) = 71.7 mg/kg
 - Endpoint: EC10 = 107.6 mg/kg
 - Endpoint: NOEC - Species: Terrestrial plants = 100 mg/kg
 - Endpoint: EC10 - Species: Terrestrial plants = 86 mg/kg
 - Endpoint: NOEC - Species: Terrestrial plants = 52 mg/kg
- e) Plant toxicity:
 - Endpoint: EC50 - Species: Algae > 10-100 mg/l - Duration h: 72
 - Endpoint: NOEC (28D) > 4 mg/l
 - Endpoint: EC50 > 1-10 mg/l - Duration h: 168
- g) Toxicity to aquatic invertebrates:
 - Endpoint: NOEC (32d) - Species: Aquatic invertebrates > 1-10 mg/l
- 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one - CAS: 2634-33-5
 - a) Aquatic acute toxicity:
 - Endpoint: LC50 - Species: Fish = 2.15 mg/l - Duration h: 96
 - Endpoint: EC50 - Species: Daphnia = 2.9 mg/l - Duration h: 48
 - Endpoint: EC50 - Species: Algae = 110 µg/L - Duration h: 72
- 2-methylisothiazol-3(2H)-one - CAS: 2682-20-4
 - a) Aquatic acute toxicity:
 - Endpoint: LC50 - Species: Fish = 5.45 mg/l - Duration h: 96
 - Endpoint: EC50 - Species: Daphnia = 0.0695 mg/l - Duration h: 48
 - b) Aquatic chronic toxicity:
 - Endpoint: EC10 - Species: Fish = 4.93 mg/l
 - Endpoint: EC10 - Species: Aquatic invertebrates = 44.2 µg/L
- 12.2. Persistence and degradability
 - None
 - SOFT NEROVIVO
 - Biodegradability: The product contains only readily biodegradable surfactants meet the criteria laid down in Regulation detergents EU (EC/648/2004).
 - Fatty acids, coco, potassium salt - CAS: 61789-30-8
 - Biodegradability: Biodegradable
 - Sodium lauryl ether sulfate - CAS: 68891-38-3
 - Biodegradability: Persistence - Duration: 28d - %: 70 - Notes: aerobic; OECD TG 301
 - Biodegradability: Biodegradable - Duration: 41d - %: 60 - Notes: anaerobic; ISO project; value of literature
 - Benzenesulphonic acid, sodium salts. - CAS: 68411-30-3
 - Biodegradability: Persistence - Duration: 28d - %: 60
 - 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one - CAS: 2634-33-5
 - Biodegradability: Non-readily biodegradable - %: 100
 - 2-methylisothiazol-3(2H)-one - CAS: 2682-20-4
 - Biodegradability: Non-readily biodegradable - %: 100
- 12.3. Bioaccumulative potential
 - Fatty acids, coco, potassium salt - CAS: 61789-30-8
 - Bioaccumulation: Not bioaccumulative
 - Sodium lauryl ether sulfate - CAS: 68891-38-3
 - Bioaccumulation: Bioaccumulation is unlikely to occur - Notes: The substance is readily biodegradable and has low aquatic toxicity. Group observation.
 - Benzenesulphonic acid, sodium salts. - CAS: 68411-30-3
 - Bioaccumulation: Does not accumulate significantly in organisms - Test: BCF - Bioconcentration factor 2-1000 - Duration: 192h
 - 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one - CAS: 2634-33-5
 - Bioaccumulation: Organic carbon-water partition coefficient 9.33
- 12.4. Mobility in soil

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Sodium lauryl ether sulfate - CAS: 68891-38-3

Mobility in soil: Adsorption in soil - Test: Log Koc 0.34 - Notes: calculated; very mobile in soils

Mobility in soil: Adsorption in soil - Test: Koc 2.2 - Notes: calculated; very mobile in soils

Benzenesulphonic acid, sodium salts. - CAS: 68411-30-3

Mobility in soil: 9

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Endocrine disrupting properties

No endocrine disruptor substances present in concentration $\geq 0.1\%$

12.7. Other adverse effects

None

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.

SECTION 14: Transport information

14.1. UN number or ID number

Not classified as dangerous in the meaning of transport regulations.

14.2. UN proper shipping name

N.A.

14.3. Transport hazard class(es)

N.A.

14.4. Packing group

N.A.

14.5. Environmental hazards

ADN-Environmentally hazardous in tank-vessels:

N.A.

14.6. Special precautions for user

N.A.

14.7. Maritime transport in bulk according to IMO instruments

N.A.

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) n. 2020/878

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)

Regulation (EU) n. 2017/776 (ATP 10 CLP)

Regulation (EU) n. 2018/669 (ATP 11 CLP)

Regulation (EU) n. 2018/1480 (ATP 13 CLP)

Regulation (EU) n. 2019/521 (ATP 12 CLP)

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Regulation (EU) n. 2020/217 (ATP 14 CLP)
Regulation (EU) n. 2020/1182 (ATP 15 CLP)
Regulation (EU) n. 2021/643 (ATP 16 CLP)
Regulation (EU) n. 2021/849 (ATP 17 CLP)
Regulation (EU) n. 2022/692 (ATP 18 CLP)
Regulation (EU) n. 2023/707
Regulation (EU) n. 2023/1434 (ATP 19 CLP)
Regulation (EU) n. 2023/1435 (ATP 20 CLP)
Regulation (EU) n. 2024/197 (ATP 21 CLP)
Regulation (EU) n. 2024/2564 (ATP 22 CLP)
Regulation (EU) n. 2024/2865
Regulation (EU) n. 2025/1222 (ATP 23 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3

Restrictions related to the substances contained:

Restriction 75

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)

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 Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: Other information

Full text of phrases referred to in Section 3:

H318 Causes serious eye damage.

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H412 Harmful to aquatic life with long lasting effects.

H330 Fatal if inhaled.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H311 Toxic in contact with skin.

H301 Toxic if swallowed.

H314 Causes severe skin burns and eye damage.

EUH071 Corrosive to the respiratory tract.

Hazard class and hazard category	Code	Description
Acute Tox. 2	3.1/2/Inhal	Acute toxicity (inhalation), Category 2
Acute Tox. 3	3.1/3/Dermal	Acute toxicity (dermal), Category 3
Acute Tox. 3	3.1/3/Oral	Acute toxicity (oral), Category 3
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Skin Corr. 1B	3.2/1B	Skin corrosion, Category 1B
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1

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Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Skin Sens. 1A	3.4.2/1A	Skin Sensitisation, Category 1A
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1
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 Dam. 1, H318	Calculation method
Skin Sens. 1, H317	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.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
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 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
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.



PRODOTTI PER LAVANDERIE

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TWA:	Time-weighted average
WGK:	German Water Hazard Class.