

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

Safety Data Sheet dated 11/10/2023, version 2 (replaces version 1)

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

1.1. Product identifier

Mixture identification:

Trade name:

SOFT WOOL CARE

Trade code:

G14-010 / 011

UFI:

1GH1-U08H-K00S-F7MW

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

Recommended use:

Anti felting additive for wool

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).

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 (Office Hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

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

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Warning

Hazard statements:

H317 May cause an allergic skin reaction.

Precautionary statements:

P261 Avoid breathing vapours.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves and eye/face protection.

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.

Special Provisions:

None

Contains

2-methylisothiazol-3(2H)-one

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

Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-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:

Other comp.: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one, mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 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%	2,2' -oxybisethanol; diethylene glycol	Index number: 603-140-00-6 CAS: 111-46-6 EC: 203-872-2	 3.1/4/Oral Acute Tox. 4 H302  3.9/2 STOT RE 2 H373
25 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 \geq 0,0015%: Skin Sens. 1A H317
11 ppm	Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Index number: 613-167-00-5 CAS: 55965-84-9 EC: 611-341-5	 3.1/1/Dermal Acute Tox. 1 H310

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

			 3.1/3/Oral Acute Tox. 3 H301  3.2/1C Skin Corr. 1C H314  3.3/1 Eye Dam. 1 H318  3.4.2/1A Skin Sens. 1A H317  3.1/2/Inhal Acute Tox. 2 H330  4.1/A1 Aquatic Acute 1 H400 M=100.  4.1/C1 Aquatic Chronic 1 H410 M=100. EUH071 Specific Concentration Limits: C >= 0,6%: Eye Dam. 1 H318 C >= 0,6%: Skin Corr. 1C H314 0,06% <= C < 0.6%: Skin Irrit. 2 H315 0,06% <= C < 0.6%: Eye Irrit. 2 H319 C >= 0,0015%: Skin Sens. 1A H317
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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.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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:

Treat symptomatically.

SECTION 5: Firefighting measures

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

- 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.
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

**Safety Data Sheet according to Reg. (EC) n.1907/2006 (REACH) -
SOFT WOOL CARE**
8.1. Control parameters

No occupational exposure limit available

DNEL Exposure Limit Values

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

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:

Eye glasses.

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 resistant to chemicals. The choice of hand PPE must be made on the basis of its better resistance to chemical agents, taking into account the results of tests obtained in accordance with EN 374. Because of the great diversity of types, you should follow the instructions of the manufacturers. Suitable materials for short contact (recommended: at least protection index 2, corresponding to > 30 minutes permeation time according to EN 374). Butyl rubber - 0.7 mm thick. Suitable materials for direct and prolonged contact (recommended: protection index 6, corresponding to > 460 minutes of permeation time according to EN 374) nitro-caoutchouc (NBR) - 0.4 mm thick.

Respiratory protection:

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:	straw yellow	--	--

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

Odour:	CHARACTERISTIC	--	--
Melting point/freezing point:	N.A.	--	--
Boiling point or initial boiling point and boiling range:	>100°C	--	--
Flammability:	N.A.	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point:	DOES NOT IGNITE/>100 ° C	--	--
Auto-ignition temperature:	NOT AUTO FLAMMABLE	--	--
Decomposition temperature:	N.A.	--	--
pH:	7,8	--	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	SOLUBLE	--	--
Solubility in oil:	INSOLUBLE	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	N.A.	--	--
Density and/or relative density:	1.00 ± 0.05 kg/l	--	--
Relative vapour density:	N.A.	--	--

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

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.

**Safety Data Sheet according to Reg. (EC) n.1907/2006 (REACH) -
SOFT WOOL CARE****SECTION 11: Toxicological information**

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

Toxicological information of the product:

SOFT WOOL CARE

- 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
 - Not classified
 - No data available for the product
- d) respiratory or skin sensitisation
 - The product is classified: Skin Sens. 1A 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:

2,2' -oxybisethanol; diethylene glycol - CAS: 111-46-6

- a) acute toxicity:
 - Test: LD50 - Route: Oral - Species: Rat = 16500 mg/kg bw - Source: SDS
 - Test: LC50 - Route: Inhalation - Species: Rat > 20 mg/l - Duration: 4h - Source: SDS
 - Test: LD50 - Route: Skin - Species: Rabbit = 11890 mg/kg - Source: SDS
 - Test: LD50 - Route: Oral - Species: Human beings = 1100 mg/kg - 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

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

Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one - CAS: 55965-84-9

a) acute toxicity:

Test: LC50 - Route: Inhalation of dust and fog - Species: Rat = 0.31 mg/l - Duration: 4h
- Source: SDS

b) skin corrosion/irritation:

Test: Skin Corrosive Yes - Source: SDS - Causes severe skin burns

c) serious eye damage/irritation:

Test: Eye Corrosive Yes - Source: SDS - Causes serious eye damage

d) respiratory or skin sensitisation:

Test: Skin Sensitization - Route: Skin - Species: Guinea pig Yes - Source: OECD TG 406 - Notes: Maximisation Test; GLP: yes. - May cause sensitisation in contact with skin

Test: Skin Sensitization - Route: Skin - Species: Mouse Yes - Source: OECD TG 429 - Notes: Local lymphonode test (LLNA); GLP: yes. - The product is a skin sensitiser, subcategory 1A.

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.

SOFT WOOL CARE

Not classified for environmental hazards

Based on available data, the classification criteria are not met

2,2'-oxybisethanol; diethylene glycol - CAS: 111-46-6

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 32000 mg/l - Duration h: 96 - Notes: Gambusia affinis

Endpoint: EC50 - Species: Daphnia = 84000 mg/l - Duration h: 48

c) Bacteria toxicity:

Endpoint: EC20 - Species: Activated sludge > 1995 mg/l - Notes: ISO 8192 (Water quality - Test for inhibition of oxygen consumption by activated sludge for carbonaceous and ammonium oxidation) - ECHA

e) Plant toxicity:

Endpoint: NOEC - Species: Algae > 2700 mg/l - Notes: Scenedesmus subspicatus

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

Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one - CAS: 55965-84-9

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 1.02 mg/l - Duration h: 48 - Notes: Daphnia magna.

Endpoint: EC50 - Species: Algae = 0.379 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata; OECD TG 201

Endpoint: LC50 - Species: Fish = 0.58 mg/l - Duration h: 96 - Notes: Danio rerio.

Endpoint: M Factor (acute) = 100

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

- b) Aquatic chronic toxicity:
Endpoint: EC10 - Species: Algae = 0.188 mg/l - Duration h: 72 - Notes:
Pseudokirchneriella subcapitata; OECD TG 201
Endpoint: M Factor (Chronic) = 100
- 12.2. Persistence and degradability
None
SOFT WOOL CARE
Biodegradability: The product contains only readily biodegradable surfactants meet the criteria laid down in Regulation detergents EU (EC/648/2004).
2,2' -oxybisethanol; diethylene glycol - CAS: 111-46-6
Biodegradability: Readily biodegradable - Test: Dissolved organic carbon - Duration: 28d - %: 90 - Notes: OECD TG 301 A (Ready Biodegradability: DOC Die Away Test) - ECHA
2-methylisothiazol-3(2H)-one - CAS: 2682-20-4
Biodegradability: Non-readily biodegradable - %: 100
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one - CAS: 55965-84-9
Biodegradability: Non-readily biodegradable
- 12.3. Bioaccumulative potential
2,2' -oxybisethanol; diethylene glycol - CAS: 111-46-6
Bioaccumulation: Not bioaccumulative
- 12.4. Mobility in soil
N.A.
- 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. 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

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

- 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)
 - 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)

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:

H302 Harmful if swallowed.

H373 May cause damage to organs through prolonged or repeated exposure.

H330 Fatal if inhaled.

H311 Toxic in contact with skin.

H301 Toxic if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

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

H410 Very toxic to aquatic life with long lasting effects.

EUH071 Corrosive to the respiratory tract.

H310 Fatal in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Hazard class and hazard category	Code	Description
Acute Tox. 1	3.1/1/Dermal	Acute toxicity (dermal), Category 1
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 Corr. 1C	3.2/1C	Skin corrosion, Category 1C
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
Skin Sens. 1A	3.4.2/1A	Skin Sensitisation, Category 1A
STOT RE 2	3.9/2	Specific target organ toxicity - repeated exposure, Category 2
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1

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
Skin Sens. 1A, 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.

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

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