PRODOTTI PER LAVANDERIE

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

Safety Data Sheet dated 10/10/2023, 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:	***ULTRA SOFT***
Trade code:	G12-001 / 002
UFI:	VMD1-206N-T00G-QVE0

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

Recommended use:

Concentrated fabric softener.

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 (Office Hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Hazard pictograms:

None

Hazard statements:

None

Precautionary statements:

None

Special Provisions:

EUH210 Safety data sheet available on request.

Contains

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 >= 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%: cationic surfactants.
Other comp.: Perfume, benzyl salicylate, citronellol, coumarin, geraniol, hexyl cinnamal, limonene, linalool, 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
>= 5% - < 10%	Fatty acids, C16-18 (even numbered) and C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized	CAS: 1335202-88-4 EC: 931-203-0 REACH No.: 01-2119463889-16-XXXX	4.1/C3 Aquatic Chronic 3 H412
7 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  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

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

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

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.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:
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

Fatty acids, C16-18 (even numbered) and C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized - CAS: 1335202-88-4

Worker Professional: 14.8 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects - Endpoint: Repeated dose toxicity - Notes: ECHA
Worker Professional: 105 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Endpoint: Repeated dose toxicity - Notes: ECHA
Consumer: 2.61 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects - Endpoint: Repeated dose toxicity - Notes: ECHA
Consumer: 37.5 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Endpoint: Repeated dose toxicity - Notes: ECHA
Consumer: 1.5 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects - Endpoint: Repeated dose toxicity - Notes: ECHA

PNEC Exposure Limit Values

Fatty acids, C16-18 (even numbered) and C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized - CAS: 1335202-88-4

Target: Fresh Water - Value: 22 µg/L - Type of hazard: Danger to aquatic organisms - Notes:: ECHA
Target: Intermittent release (fresh water) - Value: 19.1 µg/L - Type of hazard: Danger to aquatic organisms - Notes:: ECHA
Target: Marine water - Value: 2.24 µg/L - Type of hazard: Danger to aquatic organisms - Notes:: ECHA
Target: Intermittent release (seawater) - Value: 1.9 µg/L - Type of hazard: Danger to aquatic organisms - Notes:: ECHA
Target: Sewage treatment plant - Value: 2.96 mg/l - Type of hazard: Danger to aquatic organisms - Notes:: ECHA
Target: Freshwater sediments - Value: 22.48 mg/kg dry weight - Type of hazard: Danger to aquatic organisms - Notes:: ECHA
Target: Marine water sediments - Value: 2.248 mg/kg dry weight - Type of hazard: Danger to aquatic organisms - Notes:: ECHA
Target: Soil - Value: 4.483 mg/kg dry weight - Type of hazard: Danger to terrestrial organisms - Notes:: ECHA

8.2. Exposure controls

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:
Not needed for normal use.
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:	Light blue	--	--
Odour:	CHARACTERISTIC PERFUME	--	--
Melting point/freezing point:	N.A.	--	--
Boiling point or initial boiling point and boiling range:	N.A.	--	--
Flammability:	Non-flammable	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point:	N.A.	--	--
Auto-ignition temperature:	NOT AUTO FLAMMABLE	--	--
Decomposition temperature:	N.A.	--	--
pH:	3,2	--	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	COMPLETE	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	N.A.	--	--
Density and/or relative density:	0.99 ± 0.05 kg/l	--	--
Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information

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

SECTION 10: Stability and reactivity

10.1. Reactivity
There are no particular dangers of reaction with other substances under normal conditions of use
10.2. Chemical stability
The product is stable under normal conditions of use and storage.
10.3. Possibility of hazardous reactions
Under normal conditions of use and storage no dangerous reactions are foreseeable
10.4. Conditions to avoid
Stable under normal conditions.
10.5. Incompatible materials
Avoid contact with strong oxidizing and reducing agents, strong acids and bases
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:
ULTRA SOFT
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
Not classified
No data available for the product
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:

Fatty acids, C16-18 (even numbered) and C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized - CAS: 1335202-88-4

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 4480 mg/kg bw - Source: ECHA - No observed adverse effects

Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg bw - Source: ECHA - No observed adverse effects

b) skin corrosion/irritation:

Test: Skin Irritant - Species: Rabbit - Duration: 4h - Source: ECHA - No irritation of the skin

c) serious eye damage/irritation:

Test: Eye Irritant - Species: Rabbit - Source: ECHA - No irritation to eyes

d) respiratory or skin sensitisation:

Test: Buehler Test - Route: Skin - Species: Guinea pig - Source: ECHA - Not sensitizing

e) germ cell mutagenicity:

Test: 43 - Source: ECHA - Notes: Test system: Salmonella typhimurium
Metabolic activation: with or without metabolic activation
Method: OECD Test Guidelines 471
GLP: yes - No observed adverse effects

Test: In vitro genotoxicity: analysis of the genetic mutation of mammalian cells. - Source: ECHA - Notes: Test system: Chinese hamster fibroblasts
Metabolic activation: with or without metabolic activation
Method: OECD Test Guidelines 476
GLP: yes - No observed adverse effects

Test: Chromosomal aberration in vitro - Source: ECHA - Notes: Test system: Chinese hamster lung cells
Metabolic activation: with or without metabolic activation
Method: OECD Test Guidelines 473
GLP: yes - No observed adverse effects

Test: In vivo genotoxicity; micronucleus test - Species: Mouse - Source: ECHA - Notes: Species: Mouse (male and female)
Strain: Other
Application: oral (fattening)
Doses: 5000 mg/kg bw
Method: OECD Test Guidelines 474
GLP: yes - No observed adverse effects

g) reproductive toxicity:

Test: Other - Species: Rat - Source: ECHA - Notes: Species: Rat, male and female
Strain: Sprague-Dawley
Application: oral (fattening)
Doses: 100, 300, 1000 mg/kg bw/day
Duration of single treatment: 28 d
Frequency of treatment: 1 days / week
General parental toxicity: NOAEL: 1,000 mg/kg body we - No observed adverse effects

Test: Fertility/initial embryonic development - Species: Rat - Source: ECHA - Notes:
Strain: Sprague-Dawley
Application: oral (fattening)
Doses: 100, 300, 1000 mg/kg bw/day
Duration of single treatment: 36 d
General parental toxicity: NOAEL: 1,000 mg/kg weight
bodily
General toxicity F1: NOAEL: 1,000 mg/kg body weight
Method: - No observed adverse effects

Test: Analysis of a generation - Species: Rat - Source: ECHA - Notes: Strain: Sprague-Dawley
Application: oral (fattening)
Doses: 100, 300, 1000 mg/kg bw/day
Duration of single treatment: 70 d
General parental toxicity: NOAEL: 1,000 mg/kg weight
bodily
General toxicity F1: NOAEL: 1,000 mg/kg body weight
Method: - No observed adverse effects
Test: Effects on fetal development - Species: Rat (female) - Source: ECHA - Notes:
Type of test: Prenatal
Strain: Wistar
Application: oral (fattening)
Doses: 0, 50, 250, 1000 mg/kg bw/day
Duration of single treatment: 10 d
General maternal toxicity: NOAEC: 1,000 mg/kg body weight
Teratogenicity: NOAEL: 1,000 mg/kg body weight - No observed adverse effects

i) STOT-repeated exposure:
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 >= 0.1%

SECTION 12: Ecological information

12.1. Toxicity
Adopt good working practices, so that the product is not released into the environment.
ULTRA SOFT
Not classified for environmental hazards
Based on available data, the classification criteria are not met
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

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

ULTRA SOFT

Biodegradability: The product contains only readily biodegradable surfactants meet the criteria laid down in Regulation detergents EU (EC/648/2004).

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

N.A.

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 >= 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

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 40

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:

H412 Harmful to aquatic life with long lasting effects.
H310 Fatal 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.
H330 Fatal if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
EUH071 Corrosive to the respiratory tract.
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/Oral	Acute toxicity (oral), Category 3
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
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

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