

Safety Data Sheet dated 12/10/2023, version 8 (replaces version 7)
SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Mixture identification:

Trade name: OLDO FINISH
Trade code: G14-005 / 006

UFI: M1P1-N0UJ-U000-HAHA

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

Recommended use:

Concentrated liquid tissue additive. 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 Time)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

Eye Irrit. 2, H319 Causes serious eye irritation.

Aguatic Chronic 3, H412 Harmful to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Warning

Hazard statements:

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P264 Wash hands thoroughly with water after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/clothing/Protect eyes/face.

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

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



Special Provisions:

None

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

PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%: >= 0.1% - < 0.25% octamethylcyclotetrasiloxane; [D4] - REACH No.: 01-2119529238-36-XXXX, Index number: 014-018-00-1, CAS: 556-67-2, EC: 209-136-7: PBT, vPvB

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%: non-ionic surfactants.

Other comp.: perfume, butylphenyl methylpropional, hexyl cinnamal, 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. Numb	er	Classification
>= 1% - < 5%	Ethoxylated alcohol	CAS:	69011-36-5	3.3/1 Eye Dam. 1 H318 3.1/4/Oral Acute Tox. 4 H302
>= 0.25% - < 0.5%	2-(2- butoxyethoxy)ethanol; diethylene glycol monobutyl ether	Index number: CAS: EC:	603-096-00-8 112-34-5 203-961-6	3.3/2 Eye Irrit. 2 H319
>= 0.1% - < 0.25%	octamethylcyclotetrasil oxane; [D4]	Index number: CAS: EC: REACH No.:	014-018-00-1 556-67-2 209-136-7 01- 2119529238- 36-XXXX	3.7/2 Repr. 2 H361f 4.1/C1 Aquatic Chronic 1 H410 M=10.
11 ppm	Mixture of 5-chloro-2- methyl-2H-isothiazol-3- one and 2-methyl-2H- isothiazol-3-one	Index number: CAS: EC:	613-167-00-5 55965-84-9 611-341-5	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
	(1)
	3.4.2/1A Skin Sens. 1A H317
	<u> </u>
	*
	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
SVHC_PRT_vPvR_endocrine_disruptor_substances:	11011

SVHC, PBT, vPvB, endocrine disruptor substances:

>= 0.1% - < 0.25% octamethylcyclotetrasiloxane; [D4]

REACH No.: 01-2119529238-36-XXXX, Index number: 014-018-00-1, CAS: 556-67-2,

EC: 209-136-7 PBT, vPvB, SVHC

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

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

Remove contaminated clothing immediately and dispose off safely.

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

In case of eyes contact:

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

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.

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:

Contamined 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

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5 UE - TWA(8h): 67.5 mg/m3, 10 ppm - STEL: 101.2 mg/m3, 15 ppm ACGIH - TWA(8h): 10 ppm - Notes: N.A.

DNEL Exposure Limit Values

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5

Worker Professional: 6.75 mg/m3 - Exposure: Human Inhalation - Frequency: Long

Term, local effects - Endpoint: Irritation (respiratory tract)

Worker Professional: 101.2 mg/m3 - Exposure: Human Inhalation - Frequency: Short

Term, local effects - Endpoint: Irritation (respiratory tract)

Consumer: 6.25 mg/kg b.w./day - Exposure: Human Oral - Frequency: Short Term,

systemic effects - Endpoint: Repeated dose toxicity

PNEC Exposure Limit Values

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5

Target: Fresh Water - Value: 1.1 mg/l

Target: Intermittent release (fresh water) - Value: 11 mg/l

Target: Marine water - Value: 110 µg/L

Target: Freshwater sediments - Value: 4.4 mg/kg dry weight Target: Marine water sediments - Value: 440 mg/kg dry weight

Target: Soil - Value: 320 mg/kg dry weight

Target: Secondary poisoning - Value: 56 mg/kg of food

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> 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:	Whitish		
Odour:	CHARACTER ISTIC FRAGRANT NOTE		
Melting point/freezing point:	N.A.		
Boiling point or initial boiling point and boiling range:	N.A.		
Flammability:	N.A.		
Lower and upper explosion limit:	N.A.		
Flash point:	NOT FLAMMABLE ° C		
Auto-ignition temperature:	NOT AUTO FLAMMABLE		
Decomposition temperature:	N.A.		
pH:	6.4		
Kinematic viscosity:	N.A.		
Solubility in water:	COMPLETE		
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:

I Dortiolo oizo:	INIA			
I Particle size:	INA			

9.2. Other information

Properties	Value	Method:	Notes
Explosive properties:	ABSENT	1	1
Miscibility:	MISCIBLE		
Oxidizing properties:	ABSENT		1

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.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 Toxicological information of the product:

OLDO FINISH

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 Irrit. 2 H319

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:

Ethoxylated alcohol - CAS: 69011-36-5

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 300-2000 mg/kg bw

c) serious eye damage/irritation:

Route: Eyes - Species: Rabbit Positive

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Mouse = 2410 mg/kg bw - Source: N.A.

Test: LD50 - Route: Skin - Species: Rabbit = 2764 mg/kg bw - Source: N.A.

i) STOT-repeated exposure:



Test: NOAEL - Route: Oral - Species: Rat = 250 mg/kg di b.w./day - Source: N.A.

Test: NOAEL - Route: Inhalation - Species: Rat = 94 mg/m3 - Source: N.A.

Test: NOAEL - Route: Skin - Species: Rat = 200 mg/kg di b.w./day - Source: N.A.

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. OLDO FINISH

The product is classified: Aquatic Chronic 3 - H412

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 1.3 GL - Duration h: 96

Endpoint: EC50 - Species: Aquatic invertebrates = 100 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 1.101 GL - Duration h: 72

Endpoint: EC10 - Species: MICRORGANISMI = 1.995 GL - Duration h: 0.5

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

OLDO FINISH



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

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5

Biodegradability: Readily biodegradable - Test: Biodegradation in water - screening tests - %: 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

NΑ

12.4. Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

PBT Substances:

>= 0.1% - < 0.25% octamethylcyclotetrasiloxane; [D4] - CAS: 556-67-2

vPvB Substances:

>= 0.1% - < 0.25% octamethylcyclotetrasiloxane; [D4] - CAS: 556-67-2

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 3

Restrictions related to the substances contained:

Restriction 55 Restriction 70

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)

SVHC Substances:

Substances in candidate list (Art. 59 Reg. 1907/2006, REACH):

octamethylcyclotetrasiloxane; [D4]

PBT, vPvB

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:

H361f Suspected of damaging fertility.

H410 Very toxic to aquatic life with long lasting effects.

H318 Causes serious eye damage.

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

H310 Fatal in contact with skin.

H301 Toxic if swallowed.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H330 Fatal if inhaled.



H400 Very toxic to aquatic life. EUH071 Corrosive to the respiratory tract. H315 Causes skin irritation.

Hazard class and	Code	Description
hazard category		
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
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
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
Repr. 2	3.7/2	Reproductive toxicity, 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
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

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

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Eye Irrit. 2, H319	Calculation method
Aquatic Chronic 3, H412	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.
TWA: Time-weighted average
WGK: German Water Hazard Class.