

# Safety Data Sheet

## TEAK WONDER CLEANER



Safety Data Sheet dated 17/1/2023, version 7

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

#### 1.1. Product identifier

Mixture identification:

Trade name: TEAK WONDER CLEANER

Trade code: TWCL

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

Recommended use:

Teak cleaner - FOR LEISURE CRAFTS ONLY

Uses advised against:

All uses not listed in the recommended uses

#### 1.3. Details of the supplier of the safety data sheet

Company:

BARKA s.r.l. Strada Padana Superiore, 256/266 – 20055 Vimodrone – MI – ITALIA

Tel. (+39) 02 27408033 – Fax (+39) 02 2504072

Competent person responsible for the safety data sheet:

info@barka.it

#### 1.4. Emergency telephone number

Antipoison Center - Azienda Ospedaliera Niguarda Ca' Granda - Milano - Tel. 02-66101029

Antipoison Center - "Ospedale Pediatrico Bambino Gesù" Dip. Emergenza e Accettazione  
DEA - Roma - Tel. 06-68593726

Antipoison Center - Policlinico "Umberto I" - Roma - Tel. 06-49978000

Antipoison Center - Azienda Ospedaliera Universitaria di Foggia - Tel. 800183459

Antipoison Center - Policlinico "Agostino Gemelli" - Roma - 06-3054343

Antipoison Center - Azienda Ospedaliera "Antonio Cardarelli" - Napoli - Tel. 081-5453333

Antipoison Center - Azienda Ospedaliera Universitaria "Careggi" U.O. Tossicologia Medica -  
Firenze - Tel. 055-7947819

Antipoison Center - Centro Nazionale di Informazione Tossicologica - Pavia - Tel. 0382-  
24444


Antipoison Center - Azienda Ospedaliera "Papa Giovanni XXIII" - Bergamo - Tel. 800883300


Antipoison Center - Azienda Ospedaliera Integrata di Verona - Tel. 800011858


### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

 Warning, Met. Corr. 1, May be corrosive to metals.

 Danger, Skin Corr. 1A, Causes severe skin burns and eye damage.

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

Adverse physicochemical, human health and environmental effects:

No other hazards

#### 2.2. Label elements

Hazard pictograms:

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### Danger

#### Hazard statements:

- H290 May be corrosive to metals.
- H314 Causes severe skin burns and eye damage.

#### Precautionary statements:

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P103 Read carefully and follow all instructions.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Immediately call a POISON CENTER/doctor.
- P405 Store locked up.
- P501 Dispose of contents and container in accordance with all local, regional, national and international regulations.

#### Special Provisions:

- PACK1 The packing must be featured by a safety lock for children.
- PACK2 The packing must have tactile indications of danger for blind people.

#### Contains

disodium metasilicate

#### Product contents:

Non-ionic surfactants < 5 %

The product also contains:

Allergens:

Preservatives: tetrasodium ethylene diamine tetraacetate

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

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## SECTION 3: Composition/information on ingredients

### 3.1. Substances

N.A.

### 3.2. Mixtures

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

3% - 5% 1-methoxy-2-propanol; monopropylene glycol methyl ether

Index number: 603-064-00-3, CAS: 107-98-2, EC: 203-539-1






2.6/3 Flam. Liq. 3 H226



3.8/3 STOT SE 3 H336

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- 3% - 5% disodium metasilicate  
CAS: 6834-92-0, EC: 229-912-9
-  2.16/1 Met. Corr. 1 H290
  -  3.2/1B Skin Corr. 1B H314
  -  3.8/3 STOT SE 3 H335

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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.
- OBTAIN IMMEDIATE MEDICAL ATTENTION.
- Remove contaminated clothing immediately and dispose off safely.
- After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

- After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.
- Protect uninjured eye.

In case of Ingestion:

- Do NOT induce vomiting.

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

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

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.

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### 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
  - 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

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

- 8.1. Control parameters
  - 1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2
    - VL - TWA(8h): 375 mg/m<sup>3</sup>, 100 ppm - STEL: 568 mg/m<sup>3</sup>, 150 ppm - Notes: Skin; 2000/39/EC
    - EU - TWA(8h): 375 mg/m<sup>3</sup>, 100 ppm - STEL: 563 mg/m<sup>3</sup>, 150 ppm - Notes: Skin
    - ACGIH - TWA(8h): 50 ppm - STEL: 100 ppm - Notes: A4 - Eye and URT irr
  - disodium metasilicate - CAS: 6834-92-0
    - OEL - TWA: 3 mg/m<sup>3</sup> - STEL: 10 mg/m<sup>3</sup> - Notes: TRGS 900

Recommended monitoring procedures:

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to

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chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

### DNEL Exposure Limit Values

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

Worker Professional: 369 mg/m<sup>3</sup> - Consumer: 43.9 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects - Notes: ECHA

Worker Professional: 553.5 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, systemic effects - Notes: ECHA

Worker Professional: 553.5 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, local effects - Notes: ECHA

Worker Professional: 183 mg/kg bw/day - Consumer: 78 mg/kg bw/day - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Notes: ECHA

Consumer: 33 mg/kg bw/day - Exposure: Human Oral - Frequency: Long Term, systemic effects - Notes: ECHA

### PNEC Exposure Limit Values

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

Target: Fresh Water - Value: 10 mg/l - Notes: ECHA

Target: Marine water - Value: 1 mg/l - Notes: ECHA

Target: Discontinuous use/release - Value: 100 mg/l - Notes: ECHA

Target: Microorganisms in sewage treatments - Value: 100 mg/l - Notes: ECHA

Target: Marine water sediments - Value: 5.2 mg/kg dw - Notes: ECHA

Target: Freshwater sediments - Value: 52.3 mg/kg dw - Notes: ECHA

Target: Soil (agricultural) - Value: 4.59 mg/kg dw - Notes: ECHA

Target: Air - Value: 100 mg/l

### 8.2. Exposure controls

#### Eye protection:

Eye glasses with side protection (EN 166).

#### Protection for skin:

Chemical protection clothing.

#### Protection for hands:

Gloves suitable for chemical agents: recommended protection index 6 corresponding to a permeation time >480 minutes according to EN 374.

#### Respiratory protection:

If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.

#### Thermal Hazards:

None

#### Environmental exposure controls:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Do not allow to enter drains or watercourses.

#### Appropriate engineering controls:

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.

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## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

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Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	Blue	--	--
Odour:	Characteristic	--	--
Melting point/freezing point:	N.A.	--	--
Boiling point or initial boiling point and boiling range:	100 °C	--	--
Flammability:	Non-flammable	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point:	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
pH:	13	--	--
Kinematic viscosity:	<= 14 mm <sup>2</sup> /sec (40 °C)	--	--
Solubility in water:	100%	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	N.A.	--	--
Density and/or relative density:	1.02	--	(20 °C)
Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

- 9.2. Other information  
No other relevant information

#### SECTION 10: Stability and reactivity

- 10.1. Reactivity  
Stable under normal conditions
- 10.2. Chemical stability  
Stable under normal conditions
- 10.3. Possibility of hazardous reactions  
It may generate flammable gases on contact with halogenated organic substances, and elementary metals.
- 10.4. Conditions to avoid  
Stable under normal conditions.
- 10.5. Incompatible materials  
None in particular.
- 10.6. Hazardous decomposition products  
None.

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### 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

Based on available data, the classification criteria are not met

b) skin corrosion/irritation

The product is classified: Skin Corr. 1A H314

c) serious eye damage/irritation

The product is classified: Eye Dam. 1 H318

d) respiratory or skin sensitisation

Not classified

Based on available data, the classification criteria are not met

e) germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

f) carcinogenicity

Not classified

Based on available data, the classification criteria are not met

g) reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

h) STOT-single exposure

Not classified

Based on available data, the classification criteria are not met

i) STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

j) aspiration hazard

Not classified

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 4016 mg/kg bw - Source: EC 440/2008, B.1 -

Notes: ECHA

Test: LC50 - Route: Inhalation - Species: Rat = 31.59 mg/l - Duration: 4h

Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg bw - Source: EC 440/2008, B.3 -

Notes: ECHA

Test: LC0 - Route: Inhalation - Species: Rat > 7000 ppm - Duration: 6h - Source:

OCSE 403

b) skin corrosion/irritation:

Test: Skin Irritant - Route: Skin - Species: Rabbit Negative - Source: EC 440/2008, B.4

- Notes: ECHA

c) serious eye damage/irritation:

Test: Eye Irritant - Route: VIEW - Species: Rabbit Negative - Source: 2004/73/EEC,

B.5 - Notes: ECHA

d) respiratory or skin sensitisation:

Test: Skin Sensitization - Route: Skin - Species: Guinea Pig Negative - Source:

440/2008/EC B.6 - Notes: ECHA

f) carcinogenicity:

Test: BMD10 - Species: Mouse = 3000 ppm

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- g) reproductive toxicity:  
Test: NOAEL - Species: Rat = 1500 ppm - Source: OCSE 414  
disodium metasilicate - CAS: 6834-92-0
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 1152-1349 mg/kg  
Test: LC50 - Route: Inhalation - Species: Rat > 2.06 g/m<sup>3</sup>  
Test: LD50 - Route: Skin - Species: Rat > 5000 mg/kg
- b) skin corrosion/irritation:  
Test: Skin Corrosive - Route: Skin Positive
- c) serious eye damage/irritation:  
Test: Eye Corrosive Positive
- h) STOT-single exposure:  
Test: Respiratory Tract Irritant - Route: Inhalation Positive

- 11.2. Information on other hazards  
Endocrine disrupting properties:  
No endocrine disruptor substances present in concentration  $\geq$  0.1%

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#### 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

##### 1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

###### a) Aquatic acute toxicity:

Endpoint: LC50 - Species: *Leuciscus idus* = 6812 mg/l - Duration h: 96 - Notes: DIN 38412

Endpoint: EC50 - Species: *Daphnia magna* = 23300 mg/l - Duration h: 48

Endpoint: EC50 - Species: *Pseudokirchneriella subcapitata* > 1000 mg/l - Duration h: 168

Endpoint: IC10 - Species: activated mud, domestic > 1000 mg/l - Duration h: 3

Endpoint: EC50 - Species: *Pimephales promelas* = 20800 mg/l - Duration h: 96

Endpoint: EC50 - Species: *Selenastrum Capricornutum* > 1000 mg/l - Duration h: 168

Endpoint: LC50 - Species: *Onchorhynchus mykiss* > 1000 mg/l

##### disodium metasilicate - CAS: 6834-92-0

###### a) Aquatic acute toxicity:

Endpoint: LC50 - Species: *Brachydanio rerio* = 210 mg/l - Duration h: 96

Endpoint: EC50 - Species: *Daphnia magna* = 1700 mg/l - Duration h: 48

###### e) Plant toxicity:

Endpoint: EC50 - Species: *Scenedesmus subspicatus* = 207 mg/l - Duration h: 72 -

Notes: Biomass

Endpoint: EC50 - Species: *Scenedesmus subspicatus* > 345.4 mg/l - Duration h: 72 -

Notes: growth rate

##### 12.2. Persistence and degradability

###### 1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

Biodegradability: Readily biodegradable - Test: Solubility in water - Notes: 1000-10000 mg/l

Biodegradability: Readily biodegradable - Duration h: 28d - %: 96 - Notes: OECD 301 E

###### disodium metasilicate - CAS: 6834-92-0

Biodegradability: Non-readily biodegradable

##### 12.3. Bioaccumulative potential

###### 1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2



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- Bioaccumulation: Not bioaccumulative - Test: LogPow 0.37 - Notes: (20 °C) OECD TG 117  
disodium metasilicate - CAS: 6834-92-0  
Bioaccumulation: Not bioaccumulative
- 12.4. Mobility in soil  
1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2  
Mobility in soil: Mobile
- 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

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### 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.

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### SECTION 14: Transport information

- 14.1. UN number or ID number  
ADR-UN number: 3266  
IATA-Un number: 3266  
IMDG-Un number: 3266
- 14.2. UN proper shipping name  
ADR-Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (disodium metasilicate)  
IATA-Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (disodium metasilicate)  
IMDG-Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (disodium metasilicate)
- 14.3. Transport hazard class(es)  
ADR-Class: 8  
ADR-Label: 8/80  
IATA-Class: 8  
IATA-Label: 8/80  
IMDG-Class: 8  
Special provisions: TU42
- 14.4. Packing group  
ADR-Packing Group: III  
IATA-Packing group: III  
IMDG-Packing group: III
- 14.5. Environmental hazards  
Marine pollutant: No  
IMDG-EMS: F-A, S-B
- 14.6. Special precautions for user  
ADR-Transport category (Tunnel restriction code): E  
IATA-Passenger Aircraft: 852  
IATA-Cargo Aircraft: 856  
IMDG-Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (disodium metasilicate)
- 14.7. Maritime transport in bulk according to IMO instruments  
N.A.

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Other information: Limited quantity LQ 5 I

### 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 30

Restriction 40

Restriction 75

Insert solvent classes regulation

Class 3                                          5.0 %

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

VOC (2004/42/EC) :                          51 g/l

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

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### SECTION 16: Other information

Full text of phrases referred to in Section 3:

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

H335 May cause respiratory irritation.

Hazard class and hazard category	Code	Description
Met. Corr. 1	2.16/1	Substance or mixture corrosive to metals, Category 1
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Skin Corr. 1A	3.2/1A	Skin corrosion, Category 1A
Skin Corr. 1B	3.2/1B	Skin corrosion, Category 1B
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3

This safety data sheet has been completely updated in compliance to Regulation 2020/878. 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
Met. Corr. 1, H290	On basis of test data
Skin Corr. 1A, H314	Calculation method
Eye Dam. 1, H318	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.

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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.