

## **CECCHI GUSTAVO & C.**

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NAUTILUS FIBERGLASS CLEANER - SAFETY DATA SHEET - may 2022 - n° batch 160-B2 - rev.1/22

# **NAUTILUS FIBERGLASS CLEANER**

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

### **- 1.1 Product identifier**

Trade name: **NAUTILUS FIBERGLASS CLEANER**

UFI: **2QXW-3804-S00U-GFVN**

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

Abrasive detergent mixture for teak.

Uses advised against: None.

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

Company Cecchi Gustavo & C. srl –

Via M. Coppino 253, 55049 Viareggio (LU) ITALY

www.cecchi.it - [info@cecchi.it](mailto:info@cecchi.it)

### **1.4 Emergency number**

Information in case of emergency: +39 0584 383694 - From monday to friday office hours 8:30 – 12:30, 14:00 – 18:30

## **SECTION 2. Hazards identification**

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

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:  
GHS05, GHS07

Hazard Class and Category Code(s):  
Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1

Hazard statement Code(s):  
H302 - Harmful if swallowed.  
H315 - Causes skin irritation.  
H318 - Causes serious eye damage.

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Harmful product: do not ingest

If brought into contact with the skin, the product causes significant inflammation with erythema, scabs, or edema.

If brought into contact with eyes, the product causes serious damages to eyes, such as an opaque cornea or injury to iris.

### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):  
GHS05, GHS07 - Danger



Hazard statement Code(s):  
H302 - Harmful if swallowed.  
H315 - Causes skin irritation.  
H318 - Causes serious eye damage.

Supplemental Hazard statement Code(s):  
not applicable

Precautionary statements:

General

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

Prevention

P270 - Do not eat, drink or smoke when using this product.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response

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.

Disposal

P501 - Dispose of contents/container to properly marked containers designed for selective waste collection and emptied by an authorized company.

Contains:

acido ossalico, Sulfuric acid, mono-C12-14-alkyl esters, sodium salts

### 2.3. Other hazards

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

The substance/mixture does NOT contain any PBT/vPvB substances according to Regulation (EC) 1907/2006, Annex XIII.

The use of this chemical agent entails the obligation of a "Risk Assessment" by the employer. Workers exposed to this chemical agent do not have to undergo health surveillance if the results of the risk assessment show that, in relation to the type and quantity of the hazardous chemical agent and the manner and frequency of exposure to it, there is only a "insignificant risk" to the health and safety of workers and that the measures provided for in the same Legislative Decree are sufficient to reduce the risk.

**SECTION 3. Composition/information on ingredients****3.1 Substances**

Irrelevant

**3.2 Mixtures**

Refer to paragraph 16 for full text of hazard statements

| Substance   | Concentration[w/w] | Classification  | Index | CAS        | EINECS    | REACH                         |
|---|--------------------|---|-------|------------|-----------|-------------------------------|
| acido ossalico  | >= 10 < 20%        | Acute Tox. 4, H302;<br>Acute Tox. 4, H312;<br>Eye Dam. 1, H318  | ND    | 6153-56-6  | 612-167-2 | 01-211953<br>4576-33-X<br>XXX |
| Dipotassium oxide                                     | >= 1 < 5%          | Skin Corr. 1A, H314<br>ATE oral = 2.000,0<br>mg/kg<br>ATE dermal =<br>5.000,0 mg/kg   | ND    | 12136-45-7 | 235-227-6 | 01-212010<br>9032-77-X<br>XXX |
| Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | >= 1 < 5%          | Acute Tox. 4, H302;<br>Skin Irrit. 2, H315;<br>Eye Dam. 1, H318;<br>Aquatic Chronic 3,<br>H412<br>Acute toxicity<br>M-factor = 1 Chronic<br>toxicity M-factor = 1<br>ATE oral = 500,0<br>mg/kg<br>ATE dermal =<br>2.000,0 mg/kg | ND    | 85586-07-8 | 287-809-4 | 01-211948<br>9463-28-X<br>XXX |

**SECTION 4. First aid measures****4.1. Description of first aid measures****Inhalation:**

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

**Direct contact with skin (of the pure product):**

Take contaminated clothing Immediately off.

Wash immediately with plenty of running water and possibly with soap, the areas of the body that have, or are only suspected to have, come in contact with the product.

**Direct contact with eyes (of the pure product):**

Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze. Seek medical advice immediately

Do not use eye drops or ointments of any kind before the examination or advice from an oculist.

**Ingestion:**

The product is harmful and can cause irreversible damages even following a single exposure if swallowed.



Absolutely do not induce vomiting or emesis. Seek medical advice immediately.

**4.2. Most important symptoms and effects, both acute and delayed**

No data available.

**4.3. Indication of any immediate medical attention and special treatment needed**

If skin irritation occurs: Get medical advice/attention.

If medical advice is needed, have product container or label at hand.

Immediately call a POISON CENTER/doctor.

**SECTION 5. Firefighting measures**

**5.1. Extinguishing media**

Advised extinguishing agents:

Water spray, CO<sub>2</sub>, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

**5.2. Special hazards arising from the substance or mixture**

No data available.

**5.3. Advice for firefighters**

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

**SECTION 6. Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

6.1.1 For non-emergency personnel:

Leave the area surrounding the spill or release. Do not smoke

Wear mask, gloves and protective clothing.

6.1.2 For emergency responders:

Wear mask, gloves and protective clothing. Appropriate: Nitrile.

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.



## **6.2. Environmental precautions**

Contain spill  
Inform the competent authorities.  
Discharge the remains in compliance with the regulations

## **6.3. Methods and material for containment and cleaning up**

6.3.1 For containment:

Rapidly recover the product, wear a mask and protective clothing  
Recover the product for reuse, if possible, or the removal.

6.3.2 For cleaning up:

After wiping up, wash with water the area and materials involved

6.3.3 Other information:

Nothing in particular.

## **6.4. Reference to other sections**

Refer to paragraphs 8 and 13 for more information

# **SECTION 7. Handling and storage**

## **7.1. Precautions for safe handling**

Wear protective gloves/protective clothing/eye protection/face protection.  
At work do not eat or drink.  
Do not eat, drink or smoke when using this product.  
See also paragraph 8 below.

## **7.2. Conditions for safe storage, including any incompatibilities**

Keep in original container closed tightly. Do not store in open or unlabeled containers.  
Keep containers upright and safe by avoiding the possibility of falls or collisions.  
Store in a cool place, away from sources of heat and direct exposure of sunlight.

## **7.3. Specific end use(s)**

Private households:

Handle with care.

Store in a well ventilated area away from heat sources,

Keep container tightly closed.

Public domain:

Handle with care. Store in a ventilated area and away from heat, keep the container tightly closed.

# **SECTION 8. Exposure controls/personal protection**

## **8.1. Control parameters**

acido ossalico

\*\*\*\* Not translated \*\*\*\*

- Substance: Dipotassium oxide

DNEL

Systemic effects Long term Workers inhalation = 15,83 (mg/m<sup>3</sup>)

Systemic effects Long term Workers dermal = 9,1 (mg/kg bw/day)

Systemic effects Long term Consumers inhalation = 7,913 (mg/m<sup>3</sup>)

Systemic effects Long term Consumers dermal = 4,55 (mg/kg bw/day)

Systemic effects Long term Consumers oral = 182 (mg/kg bw/day)

Systemic effects Short term Workers inhalation = 15,83 (mg/m<sup>3</sup>)

Systemic effects Short term Workers dermal = 200 (mg/kg bw/day)

Systemic effects Short term Consumers inhalation = 7,9 (mg/m<sup>3</sup>)

Systemic effects Short term Consumers dermal = 100 (mg/kg bw/day)

Systemic effects Short term Consumers oral = 182 (mg/kg bw/day)

Local effects Long term Workers inhalation = 15,83 (mg/m<sup>3</sup>)

Local effects Long term Workers dermal = 1,124 (mg/kg bw/day)

Local effects Long term Consumers dermal = 0,562 (mg/kg bw/day)

Local effects Long term Consumers inhalation = 7,913 (mg/m<sup>3</sup>)

Local effects Short term Workers inhalation = 15,83 (mg/m<sup>3</sup>)

Local effects Short term Workers dermal = 1,124 (mg/kg bw/day)

Local effects Short term Consumers inhalation = 7,913 (mg/m<sup>3</sup>)

Local effects Short term Consumers dermal = 0,562 (mg/kg bw/day)

PNEC

Sweet water = 9,176 (mg/l)

sediment Sweet water = 17,75 (mg/kg/sediment)

Sea water = 0,91 (mg/l)

sediment Sea water = 1,78 (mg/kg/sediment)

STP = 2,2 (mg/l)

ground = 85 (mg/kg ground)

- Substance: Sulfuric acid, mono-C12-14-alkyl esters, sodium salts

DNEL

Systemic effects Long term Workers inhalation = 285 (mg/m<sup>3</sup>)

Systemic effects Long term Workers dermal = 4060 (mg/kg bw/day)

Systemic effects Long term Consumers inhalation = 85 (mg/m<sup>3</sup>)

Systemic effects Long term Consumers dermal = 2440 (mg/kg bw/day)

Systemic effects Long term Consumers oral = 24 (mg/kg bw/day)

PNEC

Sweet water = 0,131 (mg/l)

sediment Sweet water = 4,61 (mg/kg/sediment)

Sea water = 0,013 (mg/l)

sediment Sea water = 0,461 (mg/kg/sediment)

STP = 1,35 (mg/l)

ground = 0,846 (mg/kg ground)

## 8.2. Exposure controls

Appropriate engineering controls:

Private households:

No specific monitoring foreseen

Public domain:

No specific monitoring foreseen





Individual protection measures:

(a) Eye / face protection

When handling the pure product use safety glasses (spectacles cage) (EN 166).

(b) Skin protection

(i) Hand protection

Use protective gloves made of nitrile rubber or polyethylene: for the correct choice of protective gloves, with particular attention to chemical resistance and penetration time, contact the suppliers of chemical-resistant gloves. Oily protective creams can protect exposed areas of the skin, but do not apply after exposure.

(ii) Other

When handling the pure product wear full protective skin clothing.

(c) Respiratory protection

Not needed for normal use.

(d) Thermal hazards

No hazard to report

Environmental exposure controls:

acido ossalico

\*\*\*\* Not translated \*\*\*\*

## SECTION 9. Physical and chemical properties

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

| Physical and chemical properties             | Value                            | Determination method |
|--|----------------------------------|----------------------|
| Appearance                                   | granulated solid                 |                      |
| Colour                                       | grey                             |                      |
| Odour  | odourless                        |                      |
| Odour threshold                              | not determined                   |                      |
| pH   | 6 - 7 (soluzione acquosa - 20°C) |                      |
| Melting point/freezing point                 | not determined                   |                      |
| Initial boiling point and boiling range      | not determined                   |                      |
| Flash point                                  | nonflammable                     | ASTM D92             |
| Evaporation rate                             | irrelevant                       |                      |
| Flammability (solid, gas)                    | irrelevant                       |                      |
| Upper/lower flammability or explosive limits | irrelevant                       |                      |
| Vapour pressure                              | not determined                   |                      |
| Vapour density                               | not determined                   |                      |
| Relative density                             | 0.5 – 1.2 kg/dm <sup>3</sup>     |                      |
| Solubility(ies)                              | irrelevant                       |                      |
| Water solubility                             | poorly soluble in water          |                      |
| Partition coefficient: n-octanol/water       | not determined                   |                      |
| Auto-ignition temperature                    | not determined                   |                      |
| Decomposition temperature                    | not determined                   |                      |
| Viscosity                                    | not determined                   |                      |



| Physical and chemical properties | Value         | Determination method |
|----------------------------------|---------------|----------------------|
| Explosive properties             | not explosive |                      |
| Oxidising properties             | non-oxidizing |                      |

### 9.2. Other information

No data available.

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

acido ossalico

\*\*\*\* Not translated \*\*\*\*

Ossido di Potassio

\*\*\*\* Not translated \*\*\*\*

Sodio lauril solfato (Acido solforico, mono C12- 14 alchilestere sali sodici)

\*\*\*\* Not translated \*\*\*\*

### 10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

### 10.3. Possibility of hazardous reactions

There are no hazardous reactions

### 10.4. Conditions to avoid

acido ossalico

\*\*\*\* Not translated \*\*\*\*

Ossido di Potassio

\*\*\*\* Not translated \*\*\*\*

Sodio lauril solfato (Acido solforico, mono C12- 14 alchilestere sali sodici)

\*\*\*\* Not translated \*\*\*\*

### 10.5. Incompatible materials

It can generate inflammable gases to contact with carbamate, elementary metals, nitrile.

It can generate toxic gases to contact with amide, aliphatic and aromatic amines, compounds nitrogenized, dinitrogenized and hydrazine, carbamate, inorganic fluoride, halogenated organic substances, isocyanetic, sulfide, organic nitrous compounds, organic phosphates.

It can ignite in contact with alcohol and glycol, aldehydes, ditiocarbamate, ester, ethers, hydrocarbons aromatic





and aliphatic, halogenated organic substances, isocyanetic, ketone, sulfide, organic nitrous compounds, phenols and cresols.

### **10.6. Hazardous decomposition products**

Does not decompose when used for intended uses.

## **SECTION 11. Toxicological information**

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

ATE(mix) oral = 2.941,2 mg/kg  
ATE(mix) dermal = 7.232,1 mg/kg  
ATE(mix) inhal = ∞

- (a) acute toxicity: Harmful product: do not ingest
- (b) skin corrosion/irritation: If brought into contact with the skin, the product causes significant inflammation with erythema, scabs, or edema.
- (c) serious eye damage/irritation: If brought into contact with eyes, the product causes serious damages to eyes, such as an opaque cornea or injury to iris.
- (d) respiratory or skin sensitisation: based on available data, the classification criteria are not met
- (e) germ cell mutagenicity: based on available data, the classification criteria are not met
- (f) carcinogenicity: based on available data, the classification criteria are not met
- (g) reproductive toxicity: based on available data, the classification criteria are not met
- (h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not met
- (i) specific target organ toxicity (STOT) repeated exposure based on available data, the classification criteria are not met
- (j) aspiration hazard: based on available data, the classification criteria are not met

Related to contained substances:

Dipotassium oxide:

LD50 (rat) Oral (mg/kg body weight) > 2000

LD50 Dermal (rat or rabbit) (mg/kg body weight) > 5000

Sulfuric acid, mono-C12-14-alkyl esters, sodium salts:

LD50 (rat) Oral (mg/kg body weight) > 500

LD50 Dermal (rat or rabbit) (mg/kg body weight) > 2000

### **11.2. Information on other hazards**

No data available.

## **SECTION 12. Ecological information**

### **12.1. Toxicity**

Sulfuric acid, mono-C12-14-alkyl esters, sodium salts:

acido ossalico

\*\*\*\* Not translated \*\*\*\*

Ossido di Potassio

\*\*\*\* Not translated \*\*\*\*



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Sulfuric acid, mono-C12-14-alkyl esters, sodium salts:

C(E)L50 (mg/l) = 3,6

NOEC (mg/l) = 1,357

Sodio lauril solfato (Acido solforico, mono C12- 14 alchilestere sali sodici)

\*\*\*\* Not translated \*\*\*\*

Use according to good working practices to avoid pollution into the environment.

### **12.2. Persistence and degradability**

acido ossalico

\*\*\*\* Not translated \*\*\*\*

Ossido di Potassio

\*\*\*\* Not translated \*\*\*\*

Sodio lauril solfato (Acido solforico, mono C12- 14 alchilestere sali sodici)

\*\*\*\* Not translated \*\*\*\*

### **12.3. Bioaccumulative potential**

acido ossalico

\*\*\*\* Not translated \*\*\*\*

Ossido di Potassio

\*\*\*\* Not translated \*\*\*\*

Sodio lauril solfato (Acido solforico, mono C12- 14 alchilestere sali sodici)

\*\*\*\* Not translated \*\*\*\*

### **12.4. Mobility in soil**

acido ossalico

\*\*\*\* Not translated \*\*\*\*

Ossido di Potassio

\*\*\*\* Not translated \*\*\*\*

Sodio lauril solfato (Acido solforico, mono C12- 14 alchilestere sali sodici)

\*\*\*\* Not translated \*\*\*\*

### **12.5. Results of PBT and vPvB assessment**

No PBT/vPvB ingredient is present

### **12.6. Endocrine disrupting properties**

No data available.

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### **12.7. Other adverse effects**

No adverse effects

## **SECTION 13. Disposal considerations**

### **13.1. Waste treatment methods**

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies. Recover if possible. Send to authorized discharge plants or for incineration under controlled conditions. Operate according to local and National rules in force

## **SECTION 14. Transport information**

### **14.1. UN number or ID number**

Not included in the scope of application regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

### **14.2. UN proper shipping name**

None

### **14.3. Transport hazard class(es)**

None

### **14.4. Packing group**

None

### **14.5. Environmental hazards**

None

### **14.6. Special precautions for user**

No data available.

### **14.7. Maritime transport in bulk according to IMO instruments**

It is not intended to carry bulk

## **SECTION 15. Regulatory information**

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### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

REGULATION (EU) No 1357/2014 - waste:  
HP4 - Irritant — skin irritation and eye damage

### 15.2. Chemical safety assessment

The supplier has made an assessment of chemical safety

## SECTION 16. Other information

### 16.1. Other information

Points modified compared to previous release: 1.1. Product identifier, 2.2. Label elements, 2.3. Other hazards, 4.3. Indication of any immediate medical attention and special treatment needed, 6.1. Personal precautions, protective equipment and emergency procedures, 8.1. Control parameters, 8.2. Exposure controls, 10.1. Reactivity, 10.4. Conditions to avoid, 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008, 12.1. Toxicity, 12.2. Persistence and degradability, 12.3. Bioaccumulative potential, 12.4. Mobility in soil, 13.1. Waste treatment methods

Description of the hazard statements exposed to point 3

H302 = Harmful if swallowed.

H312 = Harmful in contact with skin.

H318 = Causes serious eye damage.

H314 = Causes severe skin burns and eye damage.

H315 = Causes skin irritation.

H412 = Harmful to aquatic life with long lasting effects.

Classification based on data of all mixture components

#### GENERAL BIBLIOGRAPHY:

- Council Regulation (EC) 1907/2006 of the European Parliament (REACH)
- Regulation (EC) 1272/2008 of the European Parliament (CLP) and subsequent updates
- Council Regulation (EC) no 758/2013 of the European Parliament
- Regulation (EC) no 2020/878 of the European Parliament
- Regulation (EC) No 528/2012 European Parliament and subsequent updates
- Commission Regulation (EC) No 790/2009 of 10 August 2009
- Commission Regulation (EU) No 286/2011 of 10 March 2011
- Commission Regulation (EU) No 618/2012 of 10 July 2012
- Commission Regulation (EU) No 487/2013 of 8 May 2013
- Council Regulation (EU) No 517/2013 of 13 May 2013
- Commission Regulation (EU) No 758/2013 of 7 August 2013
- Commission Regulation (EU) No 944/2013 of 2 October 2013
- Commission Regulation (EU) No 605/2014 of 5 June 2014
- Commission Regulation (EU) 2015/491 of 23 March 2015
- Commission Regulation (EU) No 1297/2014 of 5 December 2014- Council Regulation (EC) 648/2004 of the European Parliament and subsequent updates
- The Merck Index
- Handling Chemical Safety
- Niosh Registry of Toxic Effects of Chemical Substances
- INRS - Fiche Toxicologique
- Patty-Industrial Hygiene and Toxicology
- N.I. Sax-Dangerous properties of Industrial Materials-7 Ed., 1989

Note to the user:

the information in this tab are based on knowledge available to us on the date of the latest version.

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The user must ensure the fitness and completeness of the information in relation to the specific use of the product. You should not interpret it as a guarantee of any specific property of the product. For the use of the product does not fall under our direct control, the obligation of the user to observe under their own liability laws and regulations on hygiene and safety. Do not assume liability for improper use.

This tab replaces and cancels all previous