

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 22.02.2022

Version number 3

Revision: 22.02.2022

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

- **1.1 Product identifier**
- **Trade name:** Dulon Synthetic Teak Cleaner 46
- **UFI:** NGV0-J092-3008-C288
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use**
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Product category** PC35 Washing and cleaning products (including solvent based products)
- **Technical function** Cleaning agent
- **Application of the substance / the mixture**
All purpose cleaner
Cleaning agent/ Cleaner
- **Uses advised against**
All applications that differ from the mentioned application in "application of the mixture", are advised against or have to be discussed with the supplier / producer
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Dulon Marine Deckmate Group B.V.
The Netherlands
T +31 (0)85 0180 340
E info@dulonmarine.com
I www.dulonmarine.com
I www.deckmate.eu
- **Informing department:** Product Safety Department
- **1.4 Emergency telephone number:**

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard statements**
H319 Causes serious eye irritation.
- **Precautionary statements**
P264 Wash thoroughly after handling.
P280 Wear eye protection / face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

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- **Additional information:**
Contains (R)-p-mentha-1,8-diene. May produce an allergic reaction.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Cleansing agent

- **Dangerous components:**

CAS: 111-76-2 EINECS: 203-905-0 Index number: 603-014-00-0 Reg.nr.: 01-2119475108-36	2-butoxyethanol ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	2.5-<10%
CAS: 68891-38-3 NLP: 500-234-8	Alkyl Ether Sulfate C12-14, sodium salt ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Aquatic Chronic 3, H412	<2%
CAS: 61789-40-0 EINECS: 263-058-8 Reg.nr.: 01-2119488533-30	Cocamidopropyl Dimethyl Glycine ⚠ Eye Dam. 1, H318; Aquatic Chronic 3, H412	<2%
CAS: 5989-27-5 EINECS: 227-813-5 Index number: 601-029-00-7 Reg.nr.: 01-2119529223-47	(R)-p-mentha-1,8-diene ⚠ Flam. Liq. 3, H226; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	<0.25%

- **Ingredients conform 89/542/EG**

anionic surfactants, amphoteric surfactants, non-ionic surfactants, colouring agent, perfumes, (R)-p-mentha-1,8-diene, CITRAL <5%

- **Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information** Instantly remove any clothing soiled by the product.
- **After inhalation** Supply fresh air.
- **After skin contact** The product is not skin irritating.
- **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing** In case of persistent symptoms consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**
Use fire fighting measures that suit the environment.
Water
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.

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- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:**
Inform respective authorities in case product reaches water or sewage system.
Dilute with much water.
Do not allow to enter drainage system, surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Protect from frost.
Keep container tightly sealed.
- **Maximum storage temperature:** 35°C
- **Minimum storage temperature:** 5°C
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Additional information about design of technical systems:** No further data; see item 7.

- **Components with limit values that require monitoring at the workplace:**

111-76-2 2-butoxyethanol (2.5-<10%)

WEL	Short-term value: 246 mg/m ³ , 50 ppm
	Long-term value: 123 mg/m ³ , 25 ppm
	Sk, BMGV

- **Ingredients with biological limit values:**

111-76-2 2-butoxyethanol (2.5-<10%)

BMGV	240 mmol/mol creatinine
	Medium: urine
	Sampling time: post shift
	Parameter: butoxyacetic acid

- **Additional information:** The lists that were valid during the compilation were used as basis.

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· 8.2 Exposure controls**· Personal protective equipment****· General protective and hygienic measures***Keep away from foodstuffs, beverages and food.**Take off immediately all contaminated clothing**Wash hands during breaks and at the end of the work.**Avoid contact with the eyes.**Avoid contact with the eyes and skin.***· Breathing equipment:***Only during spraying without adequate removal by suction.**Use breathing protection in case of insufficient ventilation.**Not necessary if room is well-ventilated.**In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.***· Protection of hands:***The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.**Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation***· Material of gloves***Nitrile rubber, NBR**The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.***· Penetration time of glove material***> 0,5 mm / 240 min.**The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.***· Eye protection: Tightly sealed safety glasses.****SECTION 9: Physical and chemical properties****· 9.1 Information on basic physical and chemical properties****· General Information****· Appearance:****Form:** Fluid**Colour:** Yellow**· Odour:** Fruit-like**· Odour threshold:** Not determined.**· pH-value at 20 °C:** 10**· Change in condition****Melting point/freezing point:** Not determined**Initial boiling point and boiling range:** 100 °C**· Flash point:** > 100 °C**· Inflammability (solid, gaseous)** Not applicable.**· Ignition temperature:** 240 °C**· Decomposition temperature:** Not determined.**· Self-inflammability:** Product is not selfigniting.**· Explosive properties:** Product is not explosive.**· Critical values for explosion:****Lower:** Not determined.

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Upper:	Not determined.
· Vapour pressure at 20 °C:	23 hPa
· Density at 20 °C	1.01 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with Water:	Fully miscible
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
dynamic:	Not determined.
kinematic:	Not determined.
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** Avoid creating mist or damp in rooms where no ventilation is present
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values that are relevant for classification:**

5989-27-5 (R)-p-mentha-1,8-diene

Oral	LD50	>5,700 mg/kg (rat)
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Dermal	LD50	>5,000 mg/kg (rabbits)
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61789-40-0 Cocamidopropyl Dimethyl Glycine

Oral	LD50	5,000 mg/kg (rat)
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Dermal	LD50	>2,000 mg/kg (rat)
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111-76-2 2-butoxyethanol

Oral	LD50	470 mg/kg (rat)
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Dermal	LD50	>2,000 mg/kg (rat)
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Inhalative	LC50/4 h	2.2 mg/l (rat)
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68891-38-3 Alkyl Ether Sulfate C12-14, sodium salt

Oral	LD50	2,000-5,000 mg/kg (rat) (OECD401)
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Dermal	LD50	>2,000 mg/kg (rat) (OECD402)
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- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**
Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

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- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

111-76-2 2-butoxyethanol

LC50/96h 1,474 mg/l (fish)

EC50/48h 1,550 mg/l (daphnia)

EC50/72h 911 mg/l (algae)

68891-38-3 Alkyl Ether Sulfate C12-14, sodium salt

EC50/48h 1-10 mg/l (daphnia) (OECD202)

EC50/72h 10-100 mg/l (algae) (OECD201)

61789-40-0 Cocamidopropyl Dimethyl Glycine

LC50/96h 2 mg/l (fish)

EC50/48h 6.5 mg/l (daphnia)

5989-27-5 (R)-p-mentha-1,8-diene

LC50/96h 0.7 mg/l (fish)

EC50/48h 0.67 mg/l (daphnia)

EC50/72h 150 mg/l (*Scenedesmus subspicatus*)

· **12.2 Persistence and degradability** No further relevant information available.

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

· **Ecotoxicological effects:**

· **Remark:** Harmful to fish

· **Additional ecological information:**

· **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

Danger to drinking water if even small quantities leak into soil.

Harmful to aquatic organisms

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

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· **Recommended cleaning agent:** Water, if necessary with cleaning agent.**SECTION 14: Transport information**· **14.1 UN-Number**· **ADR, ADN, IMDG, IATA** Void· **14.2 UN proper shipping name**· **ADR, ADN, IMDG, IATA** Void· **14.3 Transport hazard class(es)**· **ADR, ADN, IMDG, IATA**· **Class** Void· **14.4 Packing group**· **ADR, IMDG, IATA** Void· **14.5 Environmental hazards:**· **Marine pollutant:** No· **14.6 Special precautions for user**

Not applicable.

· **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

· **Transport/Additional information:**· **ADR**· **Excepted quantities (EQ)** NOT SUBJECT TO ADR· **UN "Model Regulation":** Void**SECTION 15: Regulatory information**· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.· **Directive 2012/18/EU**· **REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3**· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

· **Department issuing data specification sheet:** Product Safety Department· **Contact:** Product Safety Department

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· Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

· * Data compared to the previous version altered.

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