

**Safety Data Sheet**  
according to Regulation (EC) No. 1907/2006 (REACH)  
according to Regulation (EU) 2015/830



Article No.: DeckMaster  
Print date: 04.03.2020  
Version: 23-6

DeckMaster  
Revision date: 01.07.2019  
Issue date: 01.07.2019

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

**1.1. Product identifier**

Article No. (manufacturer/supplier): DeckMaster  
Trade name/designation: DeckMaster  
7446035 627615

**1.2. Details of the supplier of the safety data sheet**

**Relevant identified uses**

for cleaning

**Uses advised against**

There is no information available for use is discouraged facing.

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

**supplier (manufacturer/importer/downstream user/distributor)**

Master Yacht Care  
Wattstraat 5  
NL - 8606 JX Sneek  
The Netherlands

Telephone: +31 (0) 6 30288867  
Telefax:  
E-mail: info@masteryachtcare.com  
Homepage : www.masteryachtcare.com

**Dept. responsible for information:**

E-mail (competent person) +31 (0) 6 30288867  
info@masteryachtcare.com

**1.4. Emergency telephone number**

Nationaal Vergiftigingen Informatie Centrum - UMC +31 30-2748888  
Utrecht  
Exclusively intended for healthcare professionals in acute poisoning.

**SECTION 2: Hazards identification**

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

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Skin Irrit. 2 / H315	Skin corrosion/irritation	Causes skin irritation.
Eye Dam. 1 / H318	Serious eye damage/eye irritation	Causes serious eye damage.

**2.2. Label elements**

The product is classified and labelled according to EC directives or corresponding national laws.

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

**Hazard pictograms**



**Danger**

**Hazard statements**

H315 Causes skin irritation.  
H318 Causes serious eye damage.

**Precautionary statements**

P264 Wash hands thoroughly after handling.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
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 doctor.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
P405 Keep locked up.  
P501 Dispose of contents/container to .?.

**Hazard components for labelling**

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SODIUM METASILICATE PENTAHYDRATE

**Supplemental Hazard information (EU)**  
not applicable

2.3. **Other hazards**

No information available.

**SECTION 3: Composition / information on ingredients**

3.1. **Substances**

Not applicable.

3.2. **Mixtures**

**Description** cleaning preparation based on surfactants

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

EC No. CAS No. INDEX No.	REACH No. Designation classification: // Remark	Wt %
229-912-9 10213-79-3	SODIUM METASILICATE PENTAHYDRATE Met. Corr. 1 H290 / Skin Corr. 1B H314 / STOT SE 3 H335	2,5 - 5
203-905-0 111-76-2 603-014-00-0	01-2119475108-36 2-butoxyethanol Acute Tox. 4 H332 / Acute Tox. 4 H312 / Acute Tox. 4 H302 / Eye Irrit. 2 H319 / Skin Irrit. 2 H315	2,5 - 5
61827-42-7	POLYETHYLENEGLYCOLMONOISODECYLEETHER Acute Tox. 4 H302 / Eye Dam. 1 H318	2,5 - 5
200-573-9 64-02-8 607-428-00-2	EDTA, TETRASODIUM SALT Acute Tox. 4 H302 / Eye Dam. 1 H318	1 - 2,5

**Additional information**

Full text of classification: see section 16

**Hazardous ingredients**

**Labelling for contents according to regulation (EC) No. 648/2004:**

Wt %	Ingredient
< 5 %	non-ionic surfactants

**SECTION 4: First aid measures**

4.1. **Description of first aid measures**

**General information**

Take off immediately all contaminated clothing. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice. In all cases of doubt, or when symptoms persist, seek medical advice.

**In case of inhalation**

Remove casualty to fresh air and keep warm and at rest. Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

**Following skin contact**

Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.

**After eye contact**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

**After ingestion**

If swallowed, rinse mouth with water (only if the person is conscious). Keep victim calm. Do NOT induce vomiting. Call a physician immediately. If medical advice is needed, have product container or label at hand.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

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- 4.3. **Mammalian cells (with metabolic activation)**  
First Aid, decontamination, treatment of symptoms.

#### SECTION 5: Firefighting measures

- 5.1. **Extinguishing media**  
**Suitable extinguishing media**  
Extinguishing powder, Carbon dioxide (CO<sub>2</sub>), spray mist, (water)  
**Unsuitable extinguishing media**  
strong water jet
- 5.2. **Special hazards arising from the substance or mixture**  
Inhaling hazardous decomposing products can cause serious health damage.
- 5.3. **Advice for firefighters**  
Wear suitable protective clothing.

#### SECTION 6: Accidental release measures

- 6.1. **Personal precautions, protective equipment and emergency procedures**  
Use personal protection equipment. Do not breathe vapours.
- 6.2. **Environmental precautions**  
Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.
- 6.3. **Methods and material for containment and cleaning up**  
Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13). Treat the recovered material as prescribed in the section on waste disposal. Provide adequate ventilation.
- 6.4. **Reference to other sections**  
Observe protective provisions (see section 7 and 8).

#### SECTION 7: Handling and storage

- 7.1. **Precautions for safe handling**  
**Advices on safe handling**  
**Further information**  
non-combustible liquids that cannot be assigned to any of the above storage classes
- 7.2. **Conditions for safe storage, including any incompatibilities**  
**Requirements for storage rooms and vessels**  
Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7. Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.  
**Hints on joint storage**  
Keep away from strongly acidic and alkaline materials as well as oxidizers.  
**Further information on storage conditions**  
Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 5 °C and 30 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.
- 7.3. **Specific end use(s)**  
Observe technical data sheet. Observe instructions for use, Notice the directions for use on the label.

#### SECTION 8: Exposure controls/personal protection

- 8.1. **Control parameters**  
**Occupational exposure limit values:**  
2-butoxyethanol  
INDEX No. 603-014-00-0 / EC No. 203-905-0 / CAS No. 111-76-2  
WEL, TWA: 123 mg/m<sup>3</sup>; 25 ppm  
WEL, STEL: 246 mg/m<sup>3</sup>; 50 ppm  
BMGV, TWA: 240 mmol/mol creatinine

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Remark: Butoxyacetic acid; urine; end of exposure or end of shift

**Additional information**

TWA : long-term occupational exposure limit value  
STEL : short-term occupational exposure limit value  
Ceiling : peak limitation

**DNEL:**

2-butoxyethanol

INDEX No. 603-014-00-0 / EC No. 203-905-0 / CAS No. 111-76-2

DNEL acute dermal, short-term (local), Workers: 89 mg/kg  
DNEL acute dermal, short-term (systemic), Workers: 89 mg/kg bw/day  
DNEL long-term dermal (local), Workers: 75 mg/kg  
DNEL long-term dermal (systemic), Workers: 75 mg/kg bw/day  
DNEL acute inhalative (local), Workers: 246 mg/m<sup>3</sup>  
DNEL acute inhalative (systemic), Workers: 663 mg/m<sup>3</sup>  
DNEL long-term inhalative (systemic), Workers: 98 mg/m<sup>3</sup>  
DNEL short-term oral (acute), Consumer: 13,4 mg/kg bw/day  
DNEL long-term oral (repeated), Consumer: 3,2 mg/kg bw/day  
DNEL acute dermal, short-term (local), Consumer: 44,5 mg/kg  
DNEL acute dermal, short-term (systemic), Consumer: 44,5 mg/kg bw/day  
DNEL long-term dermal (systemic), Consumer: 38 mg/kg  
DNEL acute inhalative (local), Consumer: 123 mg/m<sup>3</sup>  
DNEL acute inhalative (systemic), Consumer: 426 mg/m<sup>3</sup>  
DNEL long-term inhalative (local), Consumer: 49 mg/m<sup>3</sup>  
DNEL long-term inhalative (systemic), Consumer: 49 mg/m<sup>3</sup>

**PNEC:**

2-butoxyethanol

INDEX No. 603-014-00-0 / EC No. 203-905-0 / CAS No. 111-76-2

PNEC aquatic, freshwater: 8,8 mg/l  
PNEC aquatic, marine water: 0,88 mg/l  
PNEC sediment, freshwater: 34,6 mg/kg  
PNEC sediment, marine water: 3,46 mg/kg  
PNEC, soil: 2,8 mg/kg  
PNEC sewage treatment plant (STP): 463 mg/l

**8.2. Exposure controls**

Provide good ventilation. This can be achieved with local or room suction.

**Personal protection equipment**

**Respiratory protection**

Not applicable.

Suitable respiratory protection apparatus: Respiratory protection is required for not sufficiently ventilated working places and during the spraying processing.

**Hand protection**

For prolonged or repeated handling the following glove material must be used: NBR (Nitrile rubber)

Thickness of the glove material 0,4 mm Breakthrough time (maximum wearing time) 30 min

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin: Recommended glove articles EN ISO 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

**Eye/face protection**

Wear closely fitting protective glasses in case of splashes.

**Body protection**

Wear suitable protective clothing and gloves.

**Protective measures**

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

**Environmental exposure controls**

Do not allow to enter into surface water or drains. See section 7. No additional measures necessary.

**SECTION 9: Physical and chemical properties**

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

**Appearance:**

**Physical state:** Liquid  
**Colour:** refer to label

**Odour:** characteristic

**Odour threshold:** not applicable

**pH at 20 °C:** 13,5

**Melting point/freezing point:** n. a.

**Initial boiling point and boiling range:** not determined

**Flash point:** not applicable  
Method: DIN 53213-1 (08/2002: replaced by EN ISO 1523)

**Evaporation rate:** not applicable

**flammability**

**Burning time (s):** not applicable

**Upper/lower flammability or explosive limits:**

**Lower explosion limit:** 1,1 Vol-%  
Source: 2-butoxyethanol

**Upper explosion limit:** 10,6 Vol-%  
Source: 2-butoxyethanol

**Vapour pressure at 20 °C:** 19,3645 mbar

**Vapour density:** not applicable

**Relative density:**

**Density at 20 °C:** 1,03 g/cm<sup>3</sup>  
Method: ISO 2811, part 1

**Solubility(ies):**

**Water solubility (g/L) at 20 °C:** completely miscible

**Partition coefficient: n-octanol/water:** see section 12

**Auto-ignition temperature:** 231 °C  
Source: 2-butoxyethanol

**Decomposition temperature:** not applicable

**Viscosity at 20 °C:** 100 mPa\*s

**Explosive properties:** not applicable

**Oxidising properties:** not applicable

**9.2. Other information**

**Solid content (%):** 8,52 Wt %

**solvent content:**

**Organic solvents:** 5 Wt %

**Water:** 84 Wt %

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No information available. No hazardous reaction when handled and stored according to provisions.

**10.2. Chemical stability**

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

**10.3. Possibility of hazardous reactions**

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

**10.4. Conditions to avoid**

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

**10.5. Incompatible materials**

not applicable

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**10.6. Hazardous decomposition products**

noneThermal decomposition can lead to the escape of irritating gases and vapours.Hazardous decomposition byproducts may form with exposure to high temperatures.

**SECTION 11: Toxicological information**

Classification according to Regulation (EC) No 1272/2008 [CLP]

No data on preparation itself available.

**11.1. Information on toxicological effects**

**Acute toxicity**

2-butoxyethanol

oral, LD50, Rat: > 300 mg/kg

dermal, LD50, Rabbit: > 1000 mg/kg

inhalative (vapours), LC50, Rat: > 10 mg/l (4 h)

oral, LD50, Guinea pig: 1414 mg/kg

inhalative (vapours), LC0: > 3,1 mg/l (1 h)

dermal, LD50, Guinea pig: > 2000 mg/kg

Method: OECD 402

**Skin corrosion/irritation; Serious eye damage/eye irritation**

Causes skin irritation.

Causes serious eye damage.

2-butoxyethanol

Skin, Rabbit (4 h)

Method: OECD 405

**Respiratory or skin sensitisation**

Based on available data, the classification criteria are not met.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

Based on available data, the classification criteria are not met.

**STOT-single exposure; 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.

**Practical experience/human evidence**

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: headache, dizziness, fatigue, amyosthenia, drowsiness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

**Overall Assessment on CMR properties**

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

**SECTION 12: Ecological information**

Classification according to Regulation (EC) No 1272/2008 [CLP]

There is no information available on the preparation itself .

Do not allow to enter into surface water or drains.

**12.1. Toxicity**

2-butoxyethanol

Fish toxicity, LC50, Lepomis macrochirus (Bluegill): > 100 mg/l (96 h)

Daphnia toxicity, EC50, Daphnia magna (Big water flea): 1550 mg/l (48 h)

Method: OECD 202

Algae toxicity, ErC50, Desmodesmus subspicatus: > 100 mg/l

Fish toxicity, LC50, Oncorhynchus mykiss (Rainbow trout): 1474 mg/l (96 h)

Algae, EC50, Pseudokirchneriella subcapitata: 1840 mg/l (72 h)

Method: OECD 201

Bacteria toxicity, EC0, Pseudomonas putida: 700 mg/l (16 h)



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#### Long-term Ecotoxicity

2-butoxyethanol

Fish toxicity, NOEL(C):, Brachydanio rerio (zebra-fish): > 100 mg/l (21 D)

Daphnia toxicity, NOEL(C):, Daphnia magna (Big water flea): 100 mg/l (21 D)

Method: OECD 211

#### 12.2. Persistence and degradability

2-butoxyethanol

Activated sludge, Aerobic biological treatment: 90 % (28 D); evaluation Readily biodegradable (according to OECD criteria).

Method: OECD 301E/ EEC 92/69/V, C.4-B

#### 12.3. Bioaccumulative potential

2-butoxyethanol

Partition coefficient: n-octanol/water: 0,81 ; evaluation Low

Method: OECD 107

Bioaccumulation; Based on the n-octanol/water partition coefficient accumulation in organisms is not expected.

#### Bioconcentration factor (BCF)

Toxicological data are not available.

#### 12.4. Mobility in soil

Toxicological data are not available.

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

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

#### 12.6. Other adverse effects

No information available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Appropriate disposal / Product Recommendation

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

##### Control report for waste code/ waste marking according to EAKV:

200129\* Detergents containing hazardous substances

\*Hazardous waste according to Directive 2008/98/EC (waste framework directive).

##### Appropriate disposal / Package Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

### SECTION 14: Transport information

#### 14.1. UN number

not applicable

#### 14.2. UN proper shipping name

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

not applicable

#### 14.4. Packing group

not applicable

#### 14.5. Environmental hazards

Land transport (ADR/RID)

not applicable

Marine pollutant

not applicable

#### 14.6. Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

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**Further information**

**Land transport (ADR/RID)**

tunnel restriction code -

**Sea transport (IMDG)**

EmS-No. not applicable

**Further information:**

Not sustaining combustion:

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

not applicable

**SECTION 15: Regulatory information**

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

**EU legislation**

Regulation (EC) No. 648/2004 (Detergents regulation)

**Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]**

This product is not classified according to Directive 2012/18/EU.

**Directive 2010/75/EU on industrial emissions**

VOC-value (in g/L): 51

**National regulations**

**Restrictions of occupation**

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Other information

Acid-/Alkali reserve (buffer capacity for mixtures with extreme pH values)

Reserved for industrial and professional use.

**15.2. Chemical Safety Assessment**

**For the following substances of this mixture a chemical safety assessment has been carried out:**

EC No. CAS No.	Designation	REACH No.
203-905-0 111-76-2	2-butoxyethanol	01-2119475108-36

**SECTION 16: Other information**

**Full text of classification in section 3:**

Met. Corr. 1 / H290	Corrosive to metals	May be corrosive to metals.
Skin Corr. 1B / H314	Skin corrosion/irritation	Causes severe skin burns and eye damage.
STOT SE 3 / H335	STOT-single exposure	May cause respiratory irritation.
Acute Tox. 4 / H332	Acute toxicity (inhalative)	Harmful if inhaled.
Acute Tox. 4 / H312	Acute toxicity (dermal)	Harmful in contact with skin.
Acute Tox. 4 / H302	Acute toxicity (oral)	Harmful if swallowed.
Eye Irrit. 2 / H319	Serious eye damage/eye irritation	Causes serious eye irritation.
Skin Irrit. 2 / H315	Skin corrosion/irritation	Causes skin irritation.
Eye Dam. 1 / H318	Serious eye damage/eye irritation	Causes serious eye damage.

**Further information**

Classification according to Regulation (EC) No 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in section 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.