



# CARPET & MATS HEAVY-DUTY CLEANER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 07/02/2022 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : CARPET & MATS HEAVY-DUTY CLEANER  
UFI : H8EM-G3AH-U00X-HW6P  
Product code : SDS-056-J-1.0  
Type of product : Detergent  
Vaporizer : Aerosol

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

##### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Consumer use  
Use of the substance/mixture : Automotive Care Products.

##### 1.2.2. Uses advised against

No additional information available

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

Turtle Wax Europe Limited  
GB: Alaska House, Atlantic Park, Dunnings Bridge Road, Liverpool, L30 4AB.  
EU: Suite 401, The Capel Building, Mary's Abbey, Dublin 7, Ireland, D07 N4C6.  
T GB & EU +44 (0) 845 600 3663  
[MSDS@turtlewax.com](mailto:MSDS@turtlewax.com)

#### 1.4. Emergency telephone number

Emergency number : GB & EU +44 (0) 845 600 3663  
Office hours only 08:30 - 17:00

### SECTION 2: Hazards identification

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

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

Aerosol, Category 1 H222;H229  
Serious eye damage/eye irritation, Category 2 H319

Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

Extremely flammable aerosol. Pressurised container: May burst if heated. Causes serious eye irritation.

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

GHS07

Signal word (CLP) : Danger  
Hazard statements (CLP) : H222 - Extremely flammable aerosol.  
H229 - Pressurised container: May burst if heated.  
H319 - Causes serious eye irritation.  
Precautionary statements (CLP) : P102 - Keep out of reach of children.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

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No smoking.  
P211 - Do not spray on an open flame or other ignition source.  
P251 - Do not pierce or burn, even after use.  
P280 - Wear eye 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.  
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

Child-resistant fastening : Not applicable

Tactile warning : Not applicable

### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name   | Product identifier   | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|--|--|---------|--|
| Sulphuric acid, mono-c12-14-alkyl esters, sodium salts   | CAS-No.: 85586-07-8<br>REACH-no: 01-2119489463-28  | 1 – 10  | Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Chronic 3, H412                          |
| Sodium n- lauroylsarcosinate   | CAS-No.: 137-16-6<br>EC-No.: 205-281-5<br>REACH-no: 01-2119527780-39                               | 1 – 10  | Eye Dam. 1, H318   |
| Low boiling point hydrogen treated naphtha substance with a Community workplace exposure limit | CAS-No.: 64742-48-9<br>EC-No.: 919-857-5<br>EC Index-No.: 649-327-00-6                             | 0.1 – 1 | Asp. Tox. 1, H304  |
| 2-(2-butoxyethoxy)ethanol substance with a Community workplace exposure limit                  | CAS-No.: 112-34-5<br>EC-No.: 203-961-6<br>EC Index-No.: 603-096-00-8<br>REACH-no: 01-2119475104-44 | 0.1 – 1 | Eye Irrit. 2, H319   |
| Methyl 9-dodecenoate (9-dodecenoic acid methyl ester)  | CAS-No.: 39202-17-0<br>EC-No.: 700-618-7   | 0.1 – 1 | Aquatic Acute 1, H400  |
| Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides   | CAS-No.: 308062-28-4<br>EC-No.: 931-292-6  | 0.1 – 1 | Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411 |
| Diphenyl ether substance with a Community workplace exposure limit                             | CAS-No.: 101-84-8<br>EC-No.: 202-981-2<br>REACH-no: 01-2119472545-33                               | < 0.1   | Eye Irrit. 2, H319<br>Aquatic Acute 1, H400<br>Aquatic Chronic 3, H412   |

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| Specific concentration limits: |  |  |
|--------------------------------|--|--|
| Name                           | Product identifier   | Specific concentration limits                                      |
| Sodium n- lauroylsarcosinate   | CAS-No.: 137-16-6<br>EC-No.: 205-281-5<br>REACH-no: 01-2119527780-39 | ( 1 ≤C < 30) Eye Irrit. 2, H319<br>( 30 ≤C < 100) Eye Dam. 1, H318 |

Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case.

Full text of H- and EUH-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |   |
|---------------------------------------|---|
| First-aid measures general            | : If you feel unwell, seek medical advice (show the label where possible).  |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Get medical advice/attention.                                    |
| First-aid measures after skin contact | : Wash skin with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.  |
| First-aid measures after eye contact  | : Immediately rinse with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion    | : If swallowed, do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.           |

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

|                                     |   |
|-------------------------------------|---|
| Symptoms/effects after inhalation   | : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.   |
| Symptoms/effects after skin contact | : Not expected to present a significant skin hazard under anticipated conditions of normal use. May cause slight irritation.                            |
| Symptoms/effects after eye contact  | : Eye irritation.   |
| Symptoms/effects after ingestion    | : Not expected to present a significant ingestion hazard under anticipated conditions of normal use. Ingestion may cause nausea, vomiting and diarrhea. |

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                |                                     |
|--------------------------------|-------------------------------------|
| Suitable extinguishing media   | : Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use water jet.             |

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

|  |   |
|--|---|
| Fire hazard                                      | : Extremely flammable aerosol.                                  |
| Explosion hazard                                 | : Pressurised container: May burst if heated.                   |
| Reactivity in case of fire                       | : Not known.  |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. Carbon dioxide. Carbon monoxide. |

#### 5.3. Advice for firefighters

|                                |  |
|--------------------------------|--|
| Precautionary measures fire    | : Evacuate area.   |
| Firefighting instructions      | : Evacuate area. Eliminate all ignition sources if safe to do so. Use extinguishing media appropriate for surrounding fire.              |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

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### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

- Protective equipment : Wear recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
- Emergency procedures : Ventilate spillage area. Eliminate all ignition sources if safe to do so. Avoid contact with skin and eyes.

##### 6.1.2. For emergency responders

- Protective equipment : Wear recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
- Emergency procedures : Ventilate area. Avoid contact with skin and eyes. Eliminate all ignition sources if safe to do so.

#### 6.2. Environmental precautions

Avoid release to the environment.

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

- For containment : Collect all waste in suitable and labelled containers and dispose according to local legislation.
- Methods for cleaning up : Wear personal protective clothing (see chapter 8). Stop leak if safe to do so. Wipe up with absorbent material (for example cloth). Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).
- Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of solid materials or residues refer to section 13 : "Disposal considerations".

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Observe the label precautions. Keep out of reach of children. Ensure adequate ventilation, especially in confined areas. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Wear personal protective equipment. Avoid contact with skin and eyes.
- Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Technical measures : Ensure adequate ventilation, especially in confined areas.
- Storage conditions : Keep out of reach of children. Store in a well-ventilated place. Keep cool. Do not expose to temperatures exceeding 50 °C/ 122 °F. Protect from sunlight. Keep away from ignition sources.
- Storage area : Store in a well-ventilated place.

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

Automotive Care Products.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

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| Diphenyl ether (101-84-8)                            |                                       |
|--|---------------------------------------|
| <b>United Kingdom - Occupational Exposure Limits</b> |                                       |
| Local name   | Diphenyl ether                        |
| WEL TWA (OEL TWA) [1]                                | 7.1 mg/m <sup>3</sup> vapour          |
| WEL TWA (OEL TWA) [2]                                | 1 ppm vapour                          |
| WEL STEL (OEL STEL)                                  | 14 mg/m <sup>3</sup>                  |
| WEL STEL (OEL STEL) [ppm]                            | 2 ppm                                 |
| Regulatory reference                                 | EH40/2005 (Fourth edition, 2020). HSE |
| 2-(2-butoxyethoxy)ethanol (112-34-5)                 |                                       |
| <b>United Kingdom - Occupational Exposure Limits</b> |                                       |
| Local name   | 2-(2-Butoxyethoxy)ethanol             |
| WEL TWA (OEL TWA) [1]                                | 67.5 mg/m <sup>3</sup>                |
| WEL TWA (OEL TWA) [2]                                | 10 ppm                                |
| WEL STEL (OEL STEL)                                  | 101.2 mg/m <sup>3</sup>               |
| WEL STEL (OEL STEL) [ppm]                            | 15 ppm                                |
| Regulatory reference                                 | EH40/2005 (Fourth edition, 2020). HSE |

### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure adequate ventilation, especially in confined areas.

### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Wear recommended personal protective equipment.

#### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Wear safety glasses with side shields. Eye protection should only be necessary where liquid could be splashed or sprayed

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing

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### Hand protection:

Wear chemically resistant protective gloves.

### Other skin protection

#### Materials for protective clothing:

Wear suitable protective clothing

#### 8.2.2.3. Respiratory protection

#### Respiratory protection:

Not necessary with sufficient ventilation

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Consumer exposure controls:

Read label before use. Observe the label precautions.

#### Other information:

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

## SECTION 9: Physical and chemical properties

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

|   |   |
|---|---|
| Physical state                                  | : Liquid                                      |
| Colour  | : Colourless.                                 |
| Appearance                                      | : Aerosol.                                    |
| Odour   | : pleasant.                                   |
| Odour threshold                                 | : Not available                               |
| Melting point                                   | : Not applicable                              |
| Freezing point                                  | : Not available                               |
| Boiling point                                   | : Not available                               |
| Flammability                                    | : Extremely flammable aerosol.                |
| Explosive properties                            | : Pressurised container: May burst if heated. |
| Oxidising properties                            | : Non oxidizing.                              |
| Explosive limits                                | : Not available                               |
| Lower explosion limit                           | : Not available                               |
| Upper explosion limit                           | : Not available                               |
| Flash point                                     | : Not applicable                              |
| Auto-ignition temperature                       | : Not available                               |
| Decomposition temperature                       | : Not available                               |
| pH  | : 10.7  |
| Viscosity, kinematic                            | : Not available                               |
| Solubility                                      | : Miscible.                                   |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                               |
| Vapour pressure                                 | : 3.2 – 4.2 bar                               |
| Vapour pressure at 50 °C                        | : Not available                               |
| Density   | : Not available                               |
| Relative density                                | : ≤ 0   |
| Relative vapour density at 20 °C                | : Not available                               |
| Particle characteristics                        | : Not applicable                              |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

% of flammable ingredients : 4.005

#### 9.2.2. Other safety characteristics

VOC content : 10 %

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### 10.5. Incompatible materials

Strong acids. Oxidising agents.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

| <b>Sodium n- lauroylsarcosinate (137-16-6)</b>                             |  |
|--|--|
| LD50 oral rat  | > 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)   |
| LD50 oral  | 2888 mg/kg bodyweight  |
| <b>Diphenyl ether (101-84-8)</b>   |  |
| LD50 oral rat  | 2830 mg/kg bodyweight Animal: rat, Animal sex: female, 95% CL: 2,49 - 3,21   |
| LD50 oral  | 2830 mg/kg bodyweight  |
| <b>Sulphuric acid, mono-c12-14-alkyl esters, sodium salts (85586-07-8)</b> |  |
| LD50 oral rat  | 500 – 2000 mg/kg bodyweight Animal: rat, Guideline: EU Method B.1 bis (Acute Oral Toxicity - Fixed Dose Procedure)                 |
| LD50 oral  | > 500 mg/kg bodyweight   |
| LD50 dermal rat  | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)   |
| <b>2-(2-butoxyethoxy)ethanol (112-34-5)</b>                                |  |
| LD50 oral  | 5660 mg/kg bodyweight  |
| LD50 dermal rabbit   | 2764 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), 95% CL: 2090 - 3645 |
| LD50 dermal  | 2764 mg/kg bodyweight  |
| LC50 Inhalation - Rat (Dust/Mist)  | > 196 mg/l   |

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| <b>Methyl 9-dodecenoate (9-dodecenoic acid methyl ester) (39202-17-0)</b> |   |
|---|---|
| LD50 oral rat   | > 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method), Guideline: EU Method B.1 bis (Acute Oral Toxicity - Fixed Dose Procedure) |
| LD50 dermal rat   | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))  |

| <b>Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides (308062-28-4)</b> |  |
|---|--|
| LD50 oral rat   | 1064 mg/kg                                   |
| Skin corrosion/irritation   | : Not classified<br>pH: 10.7                 |
| Serious eye damage/irritation   | : Causes serious eye irritation.<br>pH: 10.7 |
| Respiratory or skin sensitisation   | : Not classified                             |
| Germ cell mutagenicity  | : Not classified                             |
| Carcinogenicity   | : Not classified                             |
| Reproductive toxicity   | : Not classified                             |
| STOT-single exposure  | : Not classified                             |
| STOT-repeated exposure  | : Not classified                             |

| <b>Sodium n- lauroylsarcosinate (137-16-6)</b> |  |
|--|--|
| NOAEL (oral, rat, 90 days)                     | 30 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents) |

| <b>Diphenyl ether (101-84-8)</b>    |                                   |
|-------------------------------------|-----------------------------------|
| LOAEL (dermal, rat/rabbit, 90 days) | 100 mg/kg bodyweight Animal: rat  |
| NOAEL (dermal, rat/rabbit, 90 days) | 1000 mg/kg bodyweight Animal: rat |

| <b>2-(2-butoxyethoxy)ethanol (112-34-5)</b> |   |
|---|---|
| NOAEL (oral, rat, 90 days)                  | 250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents) |

| <b>Methyl 9-dodecenoate (9-dodecenoic acid methyl ester) (39202-17-0)</b> |  |
|---|--|
| NOAEL (oral, rat, 90 days)  | 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |

Aspiration hazard : Not classified

| <b>CARPET &amp; MATS HEAVY-DUTY CLEANER</b> |         |
|---|---------|
| Vaporizer                                   | Aerosol |

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Ecology - water : No data available on ecotoxicity.

Hazardous to the aquatic environment, short-term (acute) : Not classified



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Hazardous to the aquatic environment, long-term (chronic) : Not classified

| <b>Sodium n-lauroylsarcosinate (137-16-6)</b>                              |  |
|--|--|
| LC50 - Fish [1]  | > 100 mg/l   |
| EC50 - Crustacea [1]   | 29.7 mg/l Test organisms (species): Daphnia magna  |
| EC50 72h - Algae [1]   | 79 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)   |
| EC50 72h - Algae [2]   | 39 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)   |
| <b>Diphenyl ether (101-84-8)</b>   |  |
| LC50 - Fish [1]  | 4.2 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)  |
| EC50 - Crustacea [1]   | 1.96 mg/l Test organisms (species): Daphnia magna  |
| <b>Sulphuric acid, mono-c12-14-alkyl esters, sodium salts (85586-07-8)</b> |  |
| LC50 - Fish [1]  | 3.6 mg/l   |
| EC50 - Crustacea [1]   | 4.7 mg/l Test organisms (species): Daphnia magna   |
| EC50 - Other aquatic organisms [1]   | 4.7 mg/l waterflea   |
| EC50 72h - Algae [1]   | > 20 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)   |
| EC50 72h - Algae [2]   | 12 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)   |
| NOEC chronic fish  | ≥ 1.357 mg/l Test organisms (species): Pimephales promelas Duration: '42 d'  |
| <b>2-(2-butoxyethoxy)ethanol (112-34-5)</b>                                |  |
| LC50 - Fish [1]  | 1300 mg/l  |
| EC50 - Crustacea [1]   | > 100 mg/l Test organisms (species): Daphnia magna   |
| EC50 - Other aquatic organisms [1]   | > 1000 mg/l waterflea  |
| EC50 - Other aquatic organisms [2]   | > 100 mg/l   |
| EC50 96h - Algae [1]   | > 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)  |
| <b>Methyl 9-dodecenoate (9-dodecenoic acid methyl ester) (39202-17-0)</b>  |  |
| EC50 - Crustacea [1]   | 0.5 mg/l Test organisms (species): Daphnia magna   |
| EC50 72h - Algae [1]   | > 0.077 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| EC50 96h - Algae [1]   | > 0.077 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| LOEC (chronic)   | > 0.0309 mg/l Test organisms (species): Daphnia magna Duration: '21 d'   |
| NOEC (chronic)   | 0.0309 mg/l Test organisms (species): Daphnia magna Duration: '21 d'   |
| <b>12.2. Persistence and degradability</b>                                 |  |
| <b>CARPET &amp; MATS HEAVY-DUTY CLEANER</b>                                |  |
| Persistence and degradability  | No data available.   |

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### 12.3. Bioaccumulative potential

#### CARPET & MATS HEAVY-DUTY CLEANER

|                           |                    |
|---------------------------|--------------------|
| Bioaccumulative potential | No data available. |
|---------------------------|--------------------|

#### Sodium n-lauroylsarcosinate (137-16-6)

|   |     |
|---|-----|
| Partition coefficient n-octanol/water (Log Pow) | 4.1 |
|---|-----|

#### 2-(2-butoxyethoxy)ethanol (112-34-5)

|   |      |
|---|------|
| Partition coefficient n-octanol/water (Log Pow) | 0.56 |
|---|------|

### 12.4. Mobility in soil

#### CARPET & MATS HEAVY-DUTY CLEANER

|                |                    |
|----------------|--------------------|
| Ecology - soil | No data available. |
|----------------|--------------------|

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

Other adverse effects : None known  
Additional information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.  
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Do not pierce or burn, even after use.

## SECTION 14: Transport information






In accordance with ADR / IMDG / IATA / ADN / RID

| ADR   | IMDG                  | IATA                             | ADN                   | RID                   |
|---|-----------------------|----------------------------------|-----------------------|-----------------------|
| <b>14.1. UN number or ID number</b>         |                       |                                  |                       |                       |
| UN 1950                                     | UN 1950               | UN 1950                          | UN 1950               | UN 1950               |
| <b>14.2. UN proper shipping name</b>        |                       |                                  |                       |                       |
| AEROSOLS                                    | AEROSOLS              | Aerosols, flammable              | AEROSOLS              | AEROSOLS              |
| <b>Transport document description (ADR)</b> |                       |                                  |                       |                       |
| UN 1950 AEROSOLS, 2.1, (D)                  | UN 1950 AEROSOLS, 2.1 | UN 1950 Aerosols, flammable, 2.1 | UN 1950 AEROSOLS, 2.1 | UN 1950 AEROSOLS, 2.1 |
| <b>14.3. Transport hazard class(es)</b>     |                       |                                  |                       |                       |
| 2.1   | 2.1                   | 2.1                              | 2.1                   | 2.1                   |

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| ADR   | IMDG  | IATA  | ADN   | RID   |
|---|---|---|---|---|
|  |  |  |  |  |
| <b>14.4. Packing group</b>  |   |   |   |   |
| Not applicable  | Not applicable  | Not applicable  | Not applicable  | Not applicable  |
| <b>14.5. Environmental hazards</b>  |   |   |   |   |
| Dangerous for the environment: No   | Dangerous for the environment: No<br>Marine pollutant: No                         | Dangerous for the environment: No   | Dangerous for the environment: No   | Dangerous for the environment: No   |
| No supplementary information available  |   |   |   |   |

### 14.6. Special precautions for user

#### Overland transport

|   |                      |
|---|----------------------|
| Classification code (ADR)   | : 5F                 |
| Special provisions (ADR)  | : 190, 327, 344, 625 |
| Limited quantities (ADR)  | : 1I                 |
| Excepted quantities (ADR)   | : E0                 |
| Packing instructions (ADR)  | : P207, LP02         |
| Special packing provisions (ADR)  | : PP87, RR6, L2      |
| Mixed packing provisions (ADR)  | : MP9                |
| Transport category (ADR)  | : 2                  |
| Special provisions for carriage - Packages (ADR)                        | : V14                |
| Special provisions for carriage - Loading, unloading and handling (ADR) | : CV9, CV12          |
| Special provisions for carriage - Operation (ADR)                       | : S2                 |
| Tunnel restriction code (ADR)   | : D                  |

#### Transport by sea

|                                   |                               |
|-----------------------------------|-------------------------------|
| Special provisions (IMDG)         | : 63, 190, 277, 327, 344, 959 |
| Limited quantities (IMDG)         | : SP277                       |
| Excepted quantities (IMDG)        | : E0                          |
| Packing instructions (IMDG)       | : P207, LP02                  |
| Special packing provisions (IMDG) | : PP87, L2                    |
| EmS-No. (Fire)                    | : F-D                         |
| EmS-No. (Spillage)                | : S-U                         |
| Stowage category (IMDG)           | : None                        |
| Stowage and handling (IMDG)       | : SW1, SW22                   |
| Segregation (IMDG)                | : SG69                        |
| MFAG-No                           | : 126                         |

#### Air transport

|  |                    |
|--|--------------------|
| PCA Excepted quantities (IATA)               | : E0               |
| PCA Limited quantities (IATA)                | : Y203             |
| PCA limited quantity max net quantity (IATA) | : 30kgG            |
| PCA packing instructions (IATA)              | : 203              |
| PCA max net quantity (IATA)                  | : 75kg             |
| CAO packing instructions (IATA)              | : 203              |
| CAO max net quantity (IATA)                  | : 150kg            |
| Special provisions (IATA)                    | : A145, A167, A802 |
| ERG code (IATA)                              | : 10L              |

#### Inland waterway transport

|                           |                      |
|---------------------------|----------------------|
| Classification code (ADN) | : 5F                 |
| Special provisions (ADN)  | : 190, 327, 344, 625 |
| Limited quantities (ADN)  | : 1 L                |

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Excepted quantities (ADN) : E0  
Equipment required (ADN) : PP, EX, A  
Ventilation (ADN) : VE01, VE04  
Number of blue cones/lights (ADN) : 1

### Rail transport

Classification code (RID) : 5F  
Special provisions (RID) : 190, 327, 344, 625  
Limited quantities (RID) : 1L  
Excepted quantities (RID) : E0  
Packing instructions (RID) : P207, LP02  
Special packing provisions (RID) : PP87, RR6, L2  
Mixed packing provisions (RID) : MP9  
Transport category (RID) : 2  
Special provisions for carriage – Packages (RID) : W14  
Special provisions for carriage - Loading, unloading and handling (RID) : CW9, CW12  
Colis express (express parcels) (RID) : CE2  
Hazard identification number (RID) : 23

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

VOC content : 10 %

| Detergent Regulation (648/2004/EC): Labelling of contents: |     |
|--|-----|
| Component  | %   |
| anionic surfactants, amphoteric surfactants                | <5% |
| BENZISOTHIAZOLINONE  |     |
| perfumes   |     |

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

#### 15.1.2. National regulations

Seveso Directive : 2012/18/EU (Seveso III)

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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### SECTION 16: Other information

- Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
- Other information : This information of the Safety Data Sheet is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.  
We are not responsible for the correctness of the information provided and any consequences in using it. Please read the SDS carefully before using the product.

| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                                 |
| Aquatic Acute 1                     | Hazardous to the aquatic environment – Acute Hazard, Category 1   |
| Aquatic Chronic 2                   | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| Aquatic Chronic 3                   | Hazardous to the aquatic environment – Chronic Hazard, Category 3 |
| Asp. Tox. 1                         | Aspiration hazard, Category 1                                     |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                     |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                     |
| H222                                | Extremely flammable aerosol.                                      |
| H229                                | Pressurised container: May burst if heated.                       |
| H302                                | Harmful if swallowed.   |
| H304                                | May be fatal if swallowed and enters airways.                     |
| H315                                | Causes skin irritation.   |
| H318                                | Causes serious eye damage.  |
| H319                                | Causes serious eye irritation.                                    |
| H400                                | Very toxic to aquatic life.                                       |
| H411                                | Toxic to aquatic life with long lasting effects.                  |
| H412                                | Harmful to aquatic life with long lasting effects.                |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                             |

Safety Data Sheet (SDS), EU

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