



# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.11.2019

Revision: 27.11.2019

Version number 1

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

### · 1.1 Product identifier

· **Trade name:** MARINE METAL POLISH

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

No further relevant information available.

### · Sector of Use

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

· **Application of the substance / the mixture** Polishing agent/ Burnishing compound

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

#### · **Manufacturer/Supplier:**

Dursol-Fabrik Otto Durst GmbH & Co. KG

Martinstr. 22

42655 SOLINGEN

Germany

Tel.: +49 (0)212 - 2718-0

Fax: +49 (0)212 - 208795

www.autosol.de                      www.dursol.de

#### · **Further information obtainable from:**

Abteilung Produktsicherheit

labor@autosol.de

### · 1.4 Emergency telephone number:

+49 (0)212 - 2718-0

8.00 - 16.00 h

## SECTION 2: Hazards identification

### · 2.1 Classification of the substance or mixture

#### · **Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the CLP regulation.

### · 2.2 Label elements

· **Labelling according to Regulation (EC) No 1272/2008** Void

· **Hazard pictograms** Void

· **Signal word** Void

· **Hazard statements** Void

#### · **Additional information:**

Keep out of reach of children.

Safety data sheet available on request.

### · 2.3 Other hazards

The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds or formaldehydes.

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

· **PBT:** Not applicable.

· **vPvB:** Not applicable.



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## SECTION 3: Composition/information on ingredients

### 3.2 Chemical characterisation: Mixtures

· **Description:** Mixture of substances listed below with nonhazardous additions.

#### · Dangerous components:

|                                                        |                                                                                                                    |        |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------|
| EC number: 918-481-9<br>Reg.nr.: 01-2119457273-39-xxxx | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics<br>☠ Asp. Tox. 1, H304                        | 10-25% |
| EC number: 926-141-6<br>Reg.nr.: 01-2119456620-43-xxxx | Hydrocarbons, C11-C14, n-alkanes, iso-alkanes, cyclics, <2% aromatics<br>☠ Asp. Tox. 1, H304                       | 10-25% |
| EC number: 918-811-1<br>Reg.nr.: 01-2119463583-34-xxxx | Hydrocarbons, C10, aromatics, <1% naphthalene<br>☠ Asp. Tox. 1, H304; ☠ Aquatic Chronic 2, H411; ☠ STOT SE 3, H336 | 1-10%  |
| CAS: 68187-76-8<br>EINECS: 269-123-7                   | Castor oil, sulfated, sodium salt<br>☠ Eye Irrit. 2, H319                                                          | 1-10%  |

· **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:** No special measures required.

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** If skin irritation continues, consult a doctor.

· **After eye contact:** Rinse opened eye for several minutes under running water.

#### · **After swallowing:**

Rinse out mouth and then drink plenty of water.

Seek immediate medical advice.

### 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:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **For safety reasons unsuitable extinguishing agents:** Water with full jet

· **5.2 Special hazards arising from the substance or mixture** No further relevant information available.

#### · **5.3 Advice for firefighters**

· **Protective equipment:** No special measures required.

· **Additional information** Cool endangered receptacles with water spray.



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## SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Ensure adequate ventilation  
Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ 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).
- **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 disposal information.

## SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
Store in cool, dry place in tightly closed receptacles.  
No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Storage class:** 10
- **7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

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

|                                                                                  |
|----------------------------------------------------------------------------------|
| · <b>Ingredients with limit values that require monitoring at the workplace:</b> |
|----------------------------------------------------------------------------------|

|                                                                      |
|----------------------------------------------------------------------|
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics |
|----------------------------------------------------------------------|

|                                                   |
|---------------------------------------------------|
| EU HSPA   Long-term value: 1200 mg/m <sup>3</sup> |
|---------------------------------------------------|

- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not necessary if room is well-ventilated.
- **Protection of hands:**  
Solvent resistant gloves  
Alkaline resistant gloves

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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

Recommended thickness of the material:  $\geq 0.5$  mm

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**

For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 374 Part 3: Level 6).

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Goggles recommended during refilling

## SECTION 9: Physical and chemical properties

**9.1 Information on basic physical and chemical properties****General Information****Appearance:****Form:** Pasty**Colour:** White**Odour:** Characteristic**Odour threshold:** Not determined.**pH-value at 20 °C:** 9.5**Change in condition****Melting point/freezing point:** Undetermined.**Initial boiling point and boiling range:** 100 °C**Flash point:** 65 °C**Flammability (solid, gas):** Not applicable.**Decomposition temperature:** Not determined.**Auto-ignition temperature:** Product is not selfigniting.**Explosive properties:** Product does not present an explosion hazard.**Explosion limits:****Lower:** Not determined.**Upper:** Not determined.**Vapour pressure:** Not determined.**Density at 20 °C:** 1.26 g/cm<sup>3</sup>**Relative density** Not determined.**Vapour density** Not determined.

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|                                                        |                                            |
|--------------------------------------------------------|--------------------------------------------|
| · <b>Evaporation rate</b>                              | Not determined.                            |
| · <b>Solubility in / Miscibility with water:</b>       | Not miscible or difficult to mix.          |
| · <b>Partition coefficient: n-octanol/water:</b>       | Not determined.                            |
| · <b>Viscosity:</b><br>Dynamic:<br>Kinematic at 40 °C: | Not determined.<br>>21 mm <sup>2</sup> /s  |
| · <b>Solvent content:</b><br>VOC (EC)                  | 24.46 %                                    |
| · <b>9.2 Other information</b>                         | 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** No further relevant information available.
- **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 relevant for classification:

#### Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

|            |            |                       |
|------------|------------|-----------------------|
| Oral       | LD50       | >5,000 mg/kg (rat)    |
| Dermal     | LD50       | >5,000 mg/kg (rabbit) |
| Inhalative | LC50 (4 h) | 4,951 mg/l (rat)      |

#### Hydrocarbons, C11-C14, n-alkanes, iso-alkanes, cyclics, <2% aromatics

|            |            |                       |
|------------|------------|-----------------------|
| Oral       | LD50       | >5,000 mg/kg (rat)    |
| Dermal     | LD50       | >5,000 mg/kg (rabbit) |
| Inhalative | LC50 (4 h) | >5,000 mg/l (rat)     |

#### 68187-76-8 Castor oil, sulfated, sodium salt

|        |      |                     |
|--------|------|---------------------|
| Oral   | LD50 | >15,600 mg/kg (rat) |
| Dermal | LD50 | >2,000 mg/kg (rat)  |

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.

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- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenity, 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:

**Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics**

EC50 &gt;1,000 mg/l (daphnia)

LC50 (96 h) &gt;1,000 mg/l (Oncorhynchus mykiss)

- **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.
- **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 course or sewage system.
- **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** Smaller quantities can be disposed of with household waste.

#### · European waste catalogue

07 06 04\* other organic solvents, washing liquids and mother liquors

#### · Uncleaned packaging:

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

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## SECTION 14: Transport information

|                                                                                  |                 |
|----------------------------------------------------------------------------------|-----------------|
| · <b>14.1 UN-Number</b><br>· ADR, ADN, IMDG, IATA                                | Void            |
| · <b>14.2 UN proper shipping name</b><br>· ADR, ADN, IMDG, IATA                  | Void            |
| · <b>14.3 Transport hazard class(es)</b><br>· ADR, ADN, IMDG, IATA<br>· Class    | Void            |
| · <b>14.4 Packing group</b><br>· ADR, IMDG, IATA                                 | Void            |
| · <b>14.5 Environmental hazards:</b><br>· Marine pollutant:                      | No              |
| · <b>14.6 Special precautions for user</b>                                       | Not applicable. |
| · <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable. |
| · <b>UN "Model Regulation":</b>                                                  | Void            |

## SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - Directive 2012/18/EU
  - **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
  - H304 May be fatal if swallowed and enters airways.
  - H319 Causes serious eye irritation.
  - H336 May cause drowsiness or dizziness.
  - H411 Toxic to aquatic life with long lasting effects.
- **Department issuing SDS:**
  - Dursol-Fabrik Otto Durst GmbH & Co. KG
  - Martinstraße 22
  - 42655 Solingen
  - Germany
  - Abteilung F&E / Produktsicherheit
- **Contact:** labor@autosol.de

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**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

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

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2