



# Safety data sheet

according to 1907/2006/EC, Article 31

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Printing date 12.01.2023  
Revision: 12.01.2023  
Version number 6 (replaces version 5)

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

### · 1.1 Product identifier

· Trade name: **Wheel Cleaner High Performance 360° (AEROSOL)**

· UFI: JND0-K07D-F00W-2KUX

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

#### · 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 Cleaning agent/ Cleaner

### · 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

#### · Further information obtainable from:

Department Product Safety

labor@autosol.de

### · 1.4 Emergency telephone number:

+49 (0) 212 - 2718-0

Only available during the following office hours: Mo-Fr; 08:00 -16:00 h (MEZ/MESZ)

Languages of the phone service: German & English

## \* SECTION 2: Hazards identification

### · 2.1 Classification of the substance or mixture

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



Acute Tox. 4 H302 Harmful if swallowed.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Aerosol 3 H229 Pressurised container: May burst if heated.

### · 2.2 Label elements

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

The product is classified and labelled according to the GB CLP regulation.

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## Hazard pictograms



GHS07

## Signal word Warning

### Hazard-determining components of labelling:

sodium mercaptoacetate  
2-Propylheptanol ethoxylate  
2-methyl-2H-isothiazol-3-one  
1,2-benzisothiazol-3(2H)-one

### Hazard statements

H229 Pressurised container: May burst if heated.  
H302 Harmful if swallowed.  
H317 May cause an allergic skin reaction.

### Precautionary statements

P102 Keep out of reach of children.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P251 Do not pierce or burn, even after use.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280 Wear protective gloves.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
P501 Dispose of contents/container in accordance with local regulations.

### Additional information: Keep out of reach of children.

### 2.3 Other hazards

### Results of PBT and vPvB assessment

PBT: Not applicable.  
vPvB: Not applicable.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

### Dangerous components:

|                                    |  |         |
|------------------------------------|--|---------|
| CAS: 367-51-1<br>EINECS: 206-696-4 | sodium mercaptoacetate<br>☠ Acute Tox. 3, H301; ☠ Met. Corr.1, H290; ☠ Acute Tox. 4, H312; Skin Sens. 1A, H317 | 10-<25% |
|------------------------------------|--|---------|

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|  |  |        |
|--|--|--------|
| CAS: 164462-16-2<br>Reg.nr.: 01-0000016977-53-XXXX | Reaction mass aus (2S)-Alanin, N,N-bis(carboxymethyl)-, Trinatriumsalz und (2R)-Alanin, N,N-bis(carboxymethyl)-, Trinatriumsalz<br>Met. Corr. 1, H290  | 1-<10% |
|  | 2-Propylheptanol ethoxylate<br>Eye Dam. 1, H318; Acute Tox. 4, H302<br>Specific concentration limits: Eye Dam. 1; H318: C ≥ 10 %<br>Eye Irrit. 2; H319: 3 % ≤ C < 10 %   | 0-<10% |
| CAS: 2634-33-5<br>EINECS: 220-120-9                | 1,2-benzisothiazol-3(2H)-one<br>Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317<br>Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05 %      | ≤1%    |
| CAS: 2682-20-4<br>EINECS: 220-239-6                | 2-methyl-2H-isothiazol-3-one<br>Acute Tox. 3, H301; Acute Tox. 3, H311; Skin Corr. 1B, H314; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317<br>Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.0015 % | ≤1%    |

· **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

|  |     |
|--|-----|
| non-ionic surfactants, anionic surfactants           | <5% |
| perfumes, Benzisothiazolinone, METHYLISOTHIAZOLINONE |     |

· **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:**

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

#### · **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

#### · **After skin contact:**

Rinse with warm water.

Immediately wash with water and soap and rinse thoroughly.

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

#### · **After swallowing:**

Rinse out mouth and then drink plenty of water.

Call for a doctor immediately.

### · **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

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- **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 extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**  
In case of fire, the following can be released:  
Sulphur dioxide (SO<sub>2</sub>)  
Nitrogen oxides (NO<sub>x</sub>)
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.
- **Additional information** Cool endangered receptacles with water spray.

## SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Particular danger of slipping on leaked/spilled product.  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Dispose contaminated material as waste according to item 13.  
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 disposal information.

## SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Observe official regulations on storing packagings with pressurised containers.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Storage class:** 2 B
- **7.3 Specific end use(s)** No further relevant information available.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Ingredients with limit values that require monitoring at the workplace:

##### 57-55-6 propane-1,2-diol

|     |  |
|-----|--|
| WEL | Long-term value: 474* 10** mg/m <sup>3</sup> , 150* ppm<br>*total vapour and particulates **particulates |
|-----|--|

Additional information: The lists valid during the making were used as basis.

### 8.2 Exposure controls

Appropriate engineering controls No further data; see item 7.

Individual protection measures, such as personal protective equipment

#### General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

#### Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

#### Hand protection



Protective gloves

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

Chloroprene rubber, CR

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 16523-1:2015: 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/face protection Not required.

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## SECTION 9: Physical and chemical properties

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

#### · General Information

|  |                        |
|--|------------------------|
| · Physical state   | Aerosol                |
| · Colour:  | Coloured               |
| · Odour:   | Characteristic         |
| · Odour threshold:   | Not determined.        |
| · Melting point/freezing point:                            | Undetermined.          |
| · Boiling point or initial boiling point and boiling range | 100 °C                 |
| · Flammability   | Not applicable.        |
| · Lower and upper explosion limit                          |                        |
| · Lower:   | Not determined.        |
| · Upper:   | Not determined.        |
| · Flash point:   | >100 °C                |
| · Ignition temperature:                                    | Not determined         |
| · Decomposition temperature:                               | Not determined.        |
| · pH at 20 °C  | 7.5                    |
| · Viscosity:   |                        |
| · Kinematic viscosity                                      | Not determined.        |
| · Dynamic:   | Not determined.        |
| · Solubility   |                        |
| · water:   | Fully miscible.        |
| · Partition coefficient n-octanol/water (log value)        | Not determined.        |
| · Vapour pressure:   | Not determined.        |
| · Density and/or relative density                          |                        |
| · Density at 20 °C:  | 1.08 g/cm <sup>3</sup> |
| · Relative density   | Not determined.        |
| · Vapour density   | Not determined.        |

### · 9.2 Other information

|   |                              |
|---|------------------------------|
| · Appearance:   |                              |
| · Form:   | Fluid                        |
| · Important information on protection of health and environment, and on safety. |                              |
| · Auto-ignition temperature:  | Product is not selfigniting. |
| · Explosive properties:   | Not determined.              |
| · Change in condition   |                              |
| · Evaporation rate  | Not applicable.              |

### · Information with regard to physical hazard classes

|                        |   |
|------------------------|---|
| · Explosives           | Void  |
| · Flammable gases      | Void  |
| · Aerosols             | Pressurised container: May burst if heated. |
| · Oxidising gases      | Void  |
| · Gases under pressure | Void  |
| · Flammable liquids    | Void  |

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|   |      |
|---|------|
| · Flammable solids  | Void |
| · Self-reactive substances and mixtures                                     | Void |
| · Pyrophoric liquids  | Void |
| · Pyrophoric solids   | Void |
| · Self-heating substances and mixtures                                      | Void |
| · Substances and mixtures, which emit flammable gases in contact with water | Void |
| · Oxidising liquids   | Void |
| · Oxidising solids  | Void |
| · Organic peroxides   | Void |
| · Corrosive to metals   | Void |
| · Desensitised explosives   | Void |

## 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 hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Harmful if swallowed.

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

### 367-51-1 sodium mercaptoacetate

Oral LD50 50-200 mg/kg (rat)

Dermal LD50 1000-2000 mg/kg (rat)

### 164462-16-2 Reaction mass aus (2S)-Alanin, N,N-bis(carboxymethyl)-, Trinatriumsalz und (2R)-Alanin, N,N-bis(carboxymethyl)-, Trinatriumsalz

Oral LD50 > 4000 mg/kg (rat)

Dermal LD50 > 4000 mg/kg (rat) (OECD-Richtlinie 402)

### 2-Propylheptanol ethoxylate

Oral LD50 700-1700, mg/kg (rat)

- **Respiratory or skin sensitisation** May cause an allergic skin reaction.

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## · 11.2 Information on other hazards

### · Endocrine disrupting properties

None of the ingredients is listed.

## SECTION 12: Ecological information

### · 12.1 Toxicity

#### · Aquatic toxicity:

##### 367-51-1 sodium mercaptoacetate

EC50 (48 h) 38 mg/l (daphnia) (mercaptoacetic acid (CAS 68-11-1))

LC50 (96 h) > 100 mg/l (Oncorhynchus mykiss) (mercaptoacetic acid (CAS 68-11-1))

### · 12.2 Persistence and degradability

##### 367-51-1 sodium mercaptoacetate

log POW -2.99 (log POW)

##### 164462-16-2 Reaction mass aus (2S)-Alanin, N,N-bis(carboxymethyl)-, Trinatriumsalz und (2R)-Alanin, N,N-bis(carboxymethyl)-, Trinatriumsalz

log POW -4.0 (log POW)

· 12.3 Bioaccumulative potential Does not accumulate in organisms

· 12.4 Mobility in soil No further relevant information available.

### · 12.5 Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

· 12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.

### · 12.7 Other adverse effects

#### · Additional ecological information:

##### · General notes:

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

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

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

## \* SECTION 13: Disposal considerations

### · 13.1 Waste treatment methods

#### · Recommendation

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

#### · Uncleaned packaging:

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

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· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

## SECTION 14: Transport information

|  |  |
|--|--|
| · <b>14.1 UN number or ID number</b><br>· <b>ADR, IMDG, IATA</b>   | UN1950   |
| · <b>14.2 UN proper shipping name</b><br>· <b>ADR</b><br>· <b>IMDG</b><br>· <b>IATA</b>  | 1950 AEROSOLS<br>AEROSOLS<br>AEROSOLS, non-flammable   |
| · <b>14.3 Transport hazard class(es)</b><br>· <b>ADR</b><br>                                      |  |
| · <b>Class</b><br>· <b>Label</b>   | 2.5A Gases.<br>2.2   |
| · <b>IMDG, IATA</b><br>   |  |
| · <b>Class</b><br>· <b>Label</b>   | 2.2 Gases.<br>2.2  |
| · <b>14.4 Packing group</b><br>· <b>ADR, IMDG, IATA</b>  | Void   |
| · <b>14.5 Environmental hazards:</b><br>· <b>Marine pollutant:</b>   | No   |
| · <b>14.6 Special precautions for user</b><br>· <b>Hazard identification number (Kemler code):</b><br>· <b>EMS Number:</b><br>· <b>Stowage Code</b><br><br>· <b>Segregation Code</b> | Warning: Gases.<br>-<br>F-D,S-U<br>SW1 Protected from sources of heat.<br>SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.<br>SG69 For AEROSOLS with a maximum capacity of 1 litre:<br>Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.<br>For AEROSOLS with a capacity above 1 litre:<br>Segregation as for the appropriate subdivision of |

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|  |  |
|--|--|
|  | class 2.<br>For WASTE AEROSOLS:<br>Segregation as for the appropriate subdivision of<br>class 2. |
| · 14.7 Maritime transport in bulk according to IMO instruments | Not applicable.  |
| · Transport/Additional information:                            |  |
| · ADR  |  |
| · Limited quantities (LQ)                                      | 1L   |
| · Excepted quantities (EQ)                                     | Code: E0<br>Not permitted as Excepted Quantity   |
| · Transport category   | 3  |
| · Tunnel restriction code                                      | E  |
| · IMDG   |  |
| · Limited quantities (LQ)                                      | 1L   |
| · Excepted quantities (EQ)                                     | Code: E0<br>Not permitted as Excepted Quantity   |
| · UN "Model Regulation":                                       | UN1950, AEROSOLS, 2.2  |

## SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.
- **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**  
H290 May be corrosive to metals.  
H301 Toxic if swallowed.  
H302 Harmful if swallowed.  
H311 Toxic in contact with skin.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H411 Toxic to aquatic life with long lasting effects.

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· **Department issuing SDS:**

Dursol-Fabrik Otto Durst GmbH & Co. KG  
Martinstraße 22  
42655 Solingen  
Germany

Abteilung F&E / Produktsicherheit

· **Contact:** labor@autosol.de

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international 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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Aerosol 3: Aerosols – Category 3

Met. Corr. 1: Corrosive to metals – Category 1

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

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

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

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

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

· **\* Data compared to the previous version altered.**