

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 10.02.2023

Version number 2 (replaces version 1)

Revision: 10.02.2023

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

- **Product identifier**
- **Trade name:** Glanol Car Polish
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture**  
Maintenance product  
Polishing agent/ Burnishing compound
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Glanol GbR  
Heinrich-Heine-Str. 77b  
D-40721 Hilden
- 
- **E-Mail:** info@glanol.com
- **Further information obtainable from:** Product safety department
- **Emergency telephone number:** +49-(0)1805-452655 (Monday to friday: 8 am - 6pm)

### SECTION 2: Hazards identification

- **Classification of the substance or mixture**



Skin Irrit. 2 H315 Causes skin irritation.  
Eye Irrit. 2 H319 Causes serious eye irritation.

- **Label elements**
- **GHS label elements**  
The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**



GHS07

- **Signal word** Warning
  - **Hazard statements**  
Causes skin irritation.  
Causes serious eye irritation.
  - **Precautionary statements**  
If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
IF ON SKIN: Wash with plenty of soap and water.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - **Additional information:**  
Repeated exposure may cause skin dryness or cracking.
  - **Other hazards**
  - **Results of PBT and vPvB assessment**
  - **PBT:**  
The mixture does not contain any PBT (PBT: persistent, bioaccumulative, toxic) substance or does not fulfil criteria for PBT according to annex XIII of regulation (EC) 1907/2006 (< 0,1 %).
- |          |                              |
|----------|------------------------------|
| 541-02-6 | decamethylcyclopentasiloxane |
|----------|------------------------------|
- **vPvB:**  
The mixture does not contain any vPvB (vPvB: very persistent, very bioaccumulative) substance or does not fulfil criteria for vPvB according to annex XIII of regulation (EC) 1907/2006 (< 0,1 %).

(Contd. on page 2)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 10.02.2023

Version number 2 (replaces version 1)

Revision: 10.02.2023

Trade name: **Glanol Car Polish**

(Contd. of page 1)

541-02-6 decamethylcyclopentasiloxane

### SECTION 3: Composition/information on ingredients

- **Mixtures**

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

- **Dangerous components:**

|   |  |         |
|---|--|---------|
| CAS: 64742-48-9<br>EC number: 919-857-5<br>Reg.nr.: REACH: 01-2119463258-33 | Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics<br>Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>STOT SE 3, H336<br>EUH066 | 10-<20% |
| CAS: 64742-48-9<br>EC number: 918-481-9<br>Reg.nr.: 01-2119457273-39        | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics<br>Asp. Tox. 1, H304<br>EUH066   | 10-<20% |
| CAS: 1344-28-1<br>EINECS: 215-691-6<br>Reg.nr.: 01-2119529248-35            | aluminium oxide  | 1-<5%   |
| CAS: 110-91-8<br>EINECS: 203-815-1<br>Reg.nr.: REACH: 01-2119496057-30      | morpholine<br>Flam. Liq. 3, H226<br>Skin Corr. 1B, H314<br>Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332                        | 1-<2.5% |
| CAS: 541-02-6<br>EINECS: 208-764-9  | decamethylcyclopentasiloxane<br>PBT; vPvB  | 0.1-<1% |

- **SVHC**

541-02-6 decamethylcyclopentasiloxane

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

### SECTION 4: First aid measures

- **Description of first aid measures**

- **General information:** If symptoms persist consult doctor.

- **After inhalation:** Fresh air. If pain persists, get medical attention.

- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

- **After eye contact:**

Immediately flush eyes with plenty of water with lids lifted. If symptoms persist, seek medical advice.

- **After swallowing:**

Rinse out mouth and drink plenty of water.

Do not induce vomiting; call for medical help immediately.

- **Most important symptoms and effects, both acute and delayed** Dizziness

- **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### SECTION 5: Firefighting measures

- **Extinguishing media**

- **Suitable extinguishing agents:**

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

Use fire extinguishing methods suitable to surrounding conditions.

- **For safety reasons unsuitable extinguishing agents:** Full water jet

(Contd. on page 3)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 10.02.2023

Version number 2 (replaces version 1)

Revision: 10.02.2023

**Trade name: Glanol Car Polish**

(Contd. of page 2)

- **Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

Carbon monoxide (CO)

Nitrogen oxides (NOx)

- **Advice for firefighters**

- **Protective equipment:**

Wear self-contained respiratory protective device.

Do not inhale explosion gases or combustion gases.

- **Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### **SECTION 6: Accidental release measures**

- **Personal precautions, protective equipment and emergency procedures**

Wear protective clothing.

Ensure adequate ventilation

Particular danger of slipping on leaked/spilled product.

- **Environmental precautions:**

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

- **Methods and material for containment and cleaning up:**

Ensure adequate ventilation.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

- **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**

- **Precautions for safe handling**

Observe the usual precautionary measures for handling chemicals.

Avoid contact with eyes and skin.

Use only in well ventilated areas.

Observe use instructions.

- **Information about fire - and explosion protection:** No special measures required.

- **Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:** Provide solvent resistant, sealed floor.

- **Information about storage in one common storage facility:** Store away from oxidising agents.

- **Further information about storage conditions:**

Store in dry conditions at 10 - 25 °C.

Protect from frost.

- **Storage class:** 10 - 13 (Germany)

- **Specific end use(s)** No further relevant information available.

GB

(Contd. on page 4)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 10.02.2023

Version number 2 (replaces version 1)

Revision: 10.02.2023

Trade name: **Glanol Car Polish**

(Contd. of page 3)

### SECTION 8: Exposure controls/personal protection

· **Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

**1344-28-1 aluminium oxide**

WEL Long-term value: 10\* 4\*\* mg/m<sup>3</sup>  
\*inhalable dust \*\*respirable dust

**110-91-8 morpholine**

WEL Short-term value: 72 mg/m<sup>3</sup>, 20 ppm  
Long-term value: 36 mg/m<sup>3</sup>, 10 ppm  
Sk

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

· **Exposure controls**

· **Appropriate engineering controls** No further data; see item 7.

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:**

Do not eat or drink while working.

Observe the usual precautionary measures for 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.

Avoid contact with the eyes and skin.

· **Respiratory protection:** Not necessary if room is well-ventilated.

· **Hand protection**



Protective gloves

Protective gloves according EN 374.

Check the permeability prior to each anewed use of the glove.

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:  $\geq 0.4$  mm

Penetration time:  $\geq 480$  minutes (Permeation according to EN 374 Prt 3: Level 6)

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**

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

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

· **Eye/face protection**



Tightly sealed goggles

(Contd. on page 5)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 10.02.2023

Version number 2 (replaces version 1)

Revision: 10.02.2023

Trade name: Glanol Car Polish

(Contd. of page 4)

· **Body protection:** Protective work clothing

**SECTION 9: Physical and chemical properties**

· **Information on basic physical and chemical properties**

· **General Information**

|   |                         |
|---|-------------------------|
| · <b>Physical state</b>   | Solid                   |
| · <b>Colour:</b>  | Beige                   |
| · <b>Odour:</b>   | Characteristic          |
| · <b>Odour threshold:</b>   | Not determined.         |
| · <b>Melting point/freezing point:</b>                            | Not determined.         |
| · <b>Boiling point or initial boiling point and boiling range</b> | >100 °C                 |
| · <b>Flammability</b>   | Not determined.         |
| · <b>Lower and upper explosion limit</b>                          |                         |
| · <b>Lower:</b>   | Not determined.         |
| · <b>Upper:</b>   | Not determined.         |
| · <b>Flash point:</b>   | >70 °C                  |
| · <b>Decomposition temperature:</b>                               | Not determined.         |
| · <b>pH at 20 °C</b>  | 9                       |
|   | Not determined.         |
| · <b>Viscosity:</b>   |                         |
| · <b>Kinematic viscosity</b>                                      | Not determined.         |
| · <b>Dynamic at 20 °C:</b>  | 1,200 mPas              |
|   | Not determined.         |
| · <b>Solubility</b>   |                         |
| · <b>water:</b>   | Dispersible.            |
| · <b>Partition coefficient n-octanol/water (log value)</b>        | Not determined.         |
| · <b>Vapour pressure:</b>   | Not applicable.         |
| · <b>Density and/or relative density</b>                          |                         |
| · <b>Density at 20 °C:</b>  | 1.005 g/cm <sup>3</sup> |
| · <b>Relative density</b>   | Not determined.         |
| · <b>Vapour density</b>   | Not applicable.         |
| · <b>Relative gas density</b>                                     | Not determined.         |
| · <b>Particle characteristics</b>                                 | Not applicable.         |

· **Other information**

|  |   |
|--|---|
| · <b>Appearance:</b>   |   |
| · <b>Form:</b>   | Pasty   |
| · <b>Important information on protection of health and environment, and on safety.</b> |   |
| · <b>Auto-ignition temperature:</b>  | Product is not selfigniting.                  |
| · <b>Explosive properties:</b>   | Product does not present an explosion hazard. |
| · <b>Solvent content:</b>  |   |
| · <b>Solids content:</b>   | Not determined.                               |
| · <b>Change in condition</b>   |   |
| · <b>Softening point/range</b>   |   |
| · <b>Oxidising properties</b>  | Not applicable.                               |
| · <b>Evaporation rate</b>  | Not applicable.                               |

· **Information with regard to physical hazard classes**

|                               |      |
|-------------------------------|------|
| · <b>Explosives</b>           | Void |
| · <b>Flammable gases</b>      | Void |
| · <b>Aerosols</b>             | Void |
| · <b>Oxidising gases</b>      | Void |
| · <b>Gases under pressure</b> | Void |
| · <b>Flammable liquids</b>    | Void |
| · <b>Flammable solids</b>     | Void |

(Contd. on page 6)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 10.02.2023

Version number 2 (replaces version 1)

Revision: 10.02.2023

Trade name: Glanol Car Polish

(Contd. of page 5)

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

### SECTION 10: Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** Do not expose to temperatures exceeding 50 °C.
- **Possibility of hazardous reactions** Reaction with strong oxidizing agents.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

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

##### 64742-48-9 Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

|            |          |                                  |
|------------|----------|----------------------------------|
| Oral       | LD50     | >5,000 mg/kg (rat) (OECD 401)    |
| Dermal     | LD50     | >5,000 mg/kg (rabbit) (OECD 402) |
| Inhalative | LC50/4 h | >4,951 mg/l (rat)                |

##### 64742-48-9 Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

|        |      |                       |
|--------|------|-----------------------|
| Oral   | LD50 | >5,000 mg/kg (rat)    |
| Dermal | LD50 | >5,000 mg/kg (rabbit) |

##### 63148-62-9 Polydimethylsiloxane

|        |      |                    |
|--------|------|--------------------|
| Oral   | LD50 | >5,000 mg/kg (rat) |
| Dermal | LD50 | >2,000 mg/kg (rat) |

##### 110-91-8 morpholine

|        |      |                    |
|--------|------|--------------------|
| Oral   | LD50 | 1,050 mg/kg (rat)  |
| Dermal | LD50 | 500 mg/kg (rabbit) |

- **Skin corrosion/irritation** Causes skin irritation.

#### · **Serious eye damage/irritation**

Causes serious eye irritation.

#### · **Respiratory or skin sensitisation**

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

##### 64742-48-9 Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

|               |      |                                       |
|---------------|------|---------------------------------------|
| Sensitisation | skin | (guinea pig) (OECD 406 (read across)) |
|               |      | non sensitising                       |

#### · **Additional toxicological information:**

- **Repeated dose toxicity** No further relevant information available.

(Contd. on page 7)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 10.02.2023

Version number 2 (replaces version 1)

Revision: 10.02.2023

**Trade name: Glanol Car Polish**

(Contd. of page 6)

- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**

No further relevant information available.

- **Germ cell mutagenicity**

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

**64742-48-9 Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics**

Ames test | negative (bacterial reverse mutation assay)

- **Information on other hazards**

- **Endocrine disrupting properties**

541-02-6 | decamethylcyclopentasiloxane

List II

## SECTION 12: Ecological information

- **Toxicity**

- **Aquatic toxicity:**

**64742-48-9 Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics**

EC50 | >1,000 mg/l (algae) (OECD 201)

>1,000 mg/l (daphnia magna) (OECD 202)

LC50 | >1,000 mg/l (fish) (OECD 203)

**64742-48-9 Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics**

EC50 | >1,000 mg/l (algae) (96 h)

>1,000 mg/l (fish) (96 h)

LC50 | >1,000 mg/l (fish)

**63148-62-9 Polydimethylsiloxane**

EC50 | >100 mg/l (daphnia magna)

- **Persistence and degradability** The contained surfactants are easily biodegradable

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Results of PBT and vPvB assessment**

- **PBT:**

541-02-6 | decamethylcyclopentasiloxane

- **vPvB:**

541-02-6 | decamethylcyclopentasiloxane

- **Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.

- **Other adverse effects**

- **Additional ecological information:**

- **General notes:**

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.

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.

## SECTION 13: Disposal considerations

- **Waste treatment methods**

- **Recommendation**

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

Dispose of in accordance with all applicable local and national regulations.

(Contd. on page 8)



**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 10.02.2023

Version number 2 (replaces version 1)

Revision: 10.02.2023

**Trade name: Glanol Car Polish**

(Contd. of page 7)

- **Uncleaned packaging:**
- **Recommendation:**  
Non contaminated packagings may be recycled.  
Dispose of in accordance with all applicable local and national regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### SECTION 14: Transport information

|  |  |
|--|--|
| · <b>UN number or ID number</b><br>· <b>ADR, ADN, IMDG, IATA</b>                       | Void   |
| · <b>UN proper shipping name</b><br>· <b>ADR, ADN, IMDG, IATA</b>                      | Void   |
| · <b>Transport hazard class(es)</b><br>· <b>ADR, ADN, IMDG, IATA</b><br>· <b>Class</b> | Void   |
| · <b>Packing group</b><br>· <b>ADR, IMDG, IATA</b>                                     | Void   |
| · <b>Environmental hazards:</b><br>· <b>Marine pollutant:</b>                          | No   |
| · <b>Special precautions for user</b>  | Not applicable.  |
| · <b>Maritime transport in bulk according to IMO instruments</b>                       | Not applicable.  |
| · <b>Transport/Additional information:</b>   | Product is not readily combustible according to UN method N.1. |
| · <b>UN "Model Regulation":</b>  | Void   |

### SECTION 15: Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **GHS label elements**  
The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard statements**  
Causes skin irritation.  
Causes serious eye irritation.
- **Precautionary statements**  
If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
IF ON SKIN: Wash with plenty of soap and water.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

(Contd. on page 9)

GB



**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 10.02.2023

Version number 2 (replaces version 1)

Revision: 10.02.2023

**Trade name: Glanol Car Polish**

(Contd. of page 8)

- **Seveso category E2** Hazardous to the Aquatic Environment
  - **National regulations:**
  - **Information about limitation of use:**  
Employment restrictions concerning juveniles must be observed.  
Employment restrictions concerning pregnant and lactating women must be observed, if applicable.
  - **Substances of very high concern (SVHC) according to UK REACH**
- |          |                            |
|----------|----------------------------|
| 541-02-6 | decamethylcyclotrisiloxane |
|----------|----------------------------|
- **Chemical safety assessment:**  
A Chemical Safety Assessment has not been carried out, because it is not necessary for mixtures.

## 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. Liability excluded.

- **Relevant phrases**  
H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H332 Harmful if inhaled.  
H336 May cause drowsiness or dizziness.  
EUH066 Repeated exposure may cause skin dryness or cracking.
- **Training hints**  
Instructions on hazards and protective measures based on operating instructions. The instructions must be given before start of employment and at least once a year.
- **Department issuing SDS:** Product safety department
- **Contact:** Product safety department
- **Abbreviations and acronyms:**  
GB CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008  
UK REACH: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.  
EC50: effective concentration, 50 percent  
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  
VCI: Verband der chemischen Industrie, Deutschland (German chemical industry association)  
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)  
DNEL: Derived No-Effect Level (UK REACH)  
PNEC: Predicted No-Effect Concentration (UK REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: persistent, bioaccumulative, toxic  
vPvB: very persistent, very bioaccumulative  
Flam. Liq. 3: Flammable liquids – 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 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
- **Sources**  
The safety data sheet was prepared with the help of the relevant MSDS of the raw materials, data from the ECHA databases, current literature references and the guidelines of ECHA for the preparation of safety data sheets.
- **\* Data compared to the previous version altered.**