

Trade name: Heavy Cut H8.02**Product no.:** 312999**Current version :** 1.2.0, issued: 28.01.2022**Replaced version:** 1.1.0, issued: 29.03.2020**Region:** GB**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name****Heavy Cut H8.02****1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses of the substance or mixture**

polish

Uses advised against

No data available.

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

Koch-Chemie GmbH

Einsteinstr. 42

D-59423 Unna

Telephone no. +49-2303-9 86 70-0

Fax no. +49-2303-9 86 70-26

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

For information in the event of an emergency during transport:

+44 1865 407333

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification information**

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

This product does not meet the classification criteria given in the Regulation (EC) No 1272/2008 (CLP).

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)****Hazard pictograms**

-

Signal word

-

Hazard statement(s)

-

Hazard statements (EU)

EUH210

Safety data sheet available on request.

Precautionary statement(s)

-

Labelling information

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The labelling (EU hazard statements) meets the criteria of annex II of Directive (EC) Nr. 1272/2008 (CLP).

2.3 Other hazards

PBT assessment

The components of this product are not considered to be a PBT.

vPvB assessment

The components of this product are not considered to be a vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Hazardous ingredients

| No | Substance name | Additional information | |
|----|--|-------------------------------------|------------------------|
| | CAS / EC / Index / REACH no | Classification (EC) 1272/2008 (CLP) | Concentration |
| | | | % |
| 1 | White mineral oil (petroleum) | | |
| | 8042-47-5 232-455-8 - 01-2119487078-27 | Asp. Tox. 1; H304 | >= 10.00 - < 25.00 wt% |
| 2 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | | |
| | - 918-481-9 - 01-2119457273-39 | Asp. Tox. 1; H304 EUH066 | >= 10.00 - < 25.00 wt% |
| 3 | aluminium oxide | | |
| | 1344-28-1 215-691-6 - - | - | >= 10.00 - < 25.00 wt% |
| 4 | glycerol | | |
| | 56-81-5 200-289-5 - - | - | < 5.00 wt% |

Full Text for all H-phrases and EUH-phrases: pls. see section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove contaminated clothing and shoes and launder thoroughly before reusing. In case of persisting adverse effects, consult a physician.

After inhalation

Ensure supply of fresh air.

After skin contact

When in contact with the skin, clean with soap and water.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes).

After ingestion

Rinse the mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious

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person.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray jet; Carbon dioxide; Alcohol-resistant foam

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂)

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8.

For emergency responders

Personal protective equipment (PPE) - see section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

No data available.

6.4 Reference to other sections

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Do not inhale vapours.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place.

Requirements for storage rooms and vessels

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Always keep in containers of same material as the original.

Incompatible products

Substances to be avoided, see section 10.

7.3 Specific end use(s)

No data available.

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SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Occupational exposure limit values**

| No | Substance name | CAS no. | EC no. |
|---|---|-----------|-------------------|
| 1 | aluminium oxide | 1344-28-1 | 215-691-6 |
| List of approved workplace exposure limits (WELs) / EH40 | | | |
| Aluminium oxides | | | |
| total inhalable dust | | | |
| | WEL long-term (8-hr TWA reference period) | 10 | mg/m ³ |
| List of approved workplace exposure limits (WELs) / EH40 | | | |
| Aluminium oxides | | | |
| respirable dust | | | |
| | WEL long-term (8-hr TWA reference period) | 4 | mg/m ³ |
| 2 | glycerol | 56-81-5 | 200-289-5 |
| List of approved workplace exposure limits (WELs) / EH40 | | | |
| Glycerol mist | | | |
| | WEL long-term (8-hr TWA reference period) | 10 | mg/m ³ |

DNEL, DMEL and PNEC values**DNEL values (worker)**

| No | Substance name | CAS / EC no | |
|----|-------------------------------|---------------------|-----------------------|
| | Route of exposure | Exposure time | Effect |
| | Value | | |
| 1 | White mineral oil (petroleum) | | |
| | dermal | Long term (chronic) | systemic |
| | inhalative | Long term (chronic) | systemic |
| | | | 220 mg/kg/day |
| | | | 160 mg/m ³ |

DNEL value (consumer)

| No | Substance name | CAS / EC no | |
|----|-------------------------------|---------------------|----------------------|
| | Route of exposure | Exposure time | Effect |
| | Value | | |
| 1 | White mineral oil (petroleum) | | |
| | oral | Long term (chronic) | systemic |
| | dermal | Long term (chronic) | systemic |
| | inhalative | Long term (chronic) | systemic |
| | | | 40 mg/kg/day |
| | | | 93 mg/kg/day |
| | | | 35 mg/m ³ |

8.2 Exposure controls**Appropriate engineering controls**

Ensure adequate ventilation, local exhaust at the work station if necessary.

Personal protective equipment**Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of dust formation, take appropriate measures for breathing protection in the event that workplace threshold values are not specified.

Eye / face protection

Safety glasses (EN 166)

Hand protection

In case of intensive contact, wear protective gloves (EN 374). Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Other

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Chemical-resistant work clothes.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

| | | | |
|--|--|----------------|-------------------|
| State of aggregation | | | |
| liquid | | | |
| Form/Colour | | | |
| liquid | | | |
| Various, depending on coloration | | | |
| Odour | | | |
| characteristic | | | |
| pH value | | | |
| No data available | | | |
| Boiling point / boiling range | | | |
| No data available | | | |
| Melting point/freezing point | | | |
| No data available | | | |
| Decomposition temperature | | | |
| No data available | | | |
| Flash point | | | |
| Value | > | 93 | °C |
| Ignition temperature | | | |
| No data available | | | |
| Flammability | | | |
| No data available | | | |
| Lower explosion limit | | | |
| No data available | | | |
| Upper explosion limit | | | |
| No data available | | | |
| Vapour pressure | | | |
| No data available | | | |
| Relative vapour density | | | |
| No data available | | | |
| Relative density | | | |
| No data available | | | |
| Density | | | |
| Value | | 1.05 | g/cm ³ |
| Reference temperature | | 20 | °C |
| Solubility | | | |
| No data available | | | |
| Partition coefficient n-octanol/water (log value) | | | |
| No | Substance name | CAS no. | EC no. |
| 1 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | - | 918-481-9 |

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| | | | |
|---------|------|---|------|
| log Pow | 3.17 | - | 7.22 |
| Method | QSAR | | |
| Source | ECHA | | |

| | | | |
|------------------|-----------|------|--------------------|
| Viscosity | | | |
| Value | > | 20.5 | mm ² /s |
| Type | kinematic | | |

| | | | |
|---------------------------------|--|--|--|
| Particle characteristics | | | |
| No data available | | | |

9.2 Other information

| | | | |
|--------------------------|--|--|--|
| Other information | | | |
| No data available. | | | |

SECTION 10: Stability and reactivity**10.1 Reactivity**

No data available.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

| Acute oral toxicity | | | |
|----------------------------|--|-----------|------------------|
| No | Substance name | CAS no. | EC no. |
| 1 | White mineral oil (petroleum) | 8042-47-5 | 232-455-8 |
| LD50 | > | 5000 | mg/kg bodyweight |
| Species | rat | | |
| Method | OECD 401 | | |
| Source | ECHA | | |
| 2 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | - | 918-481-9 |
| LD50 | > | 15000 | mg/kg bodyweight |
| Species | rat | | |
| Method | OECD 401 | | |
| Source | ECHA | | |
| Evaluation/classification | Based on available data, the classification criteria are not met. | | |

| Acute dermal toxicity | | | |
|------------------------------|-------------------------------|-----------|------------------|
| No | Substance name | CAS no. | EC no. |
| 1 | White mineral oil (petroleum) | 8042-47-5 | 232-455-8 |
| LD50 | > | 2000 | mg/kg bodyweight |
| Species | rabbit | | |
| Method | OECD 402 | | |
| Source | ECHA | | |

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| Acute inhalational toxicity | | | |
|-----------------------------|-------------------------------|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | White mineral oil (petroleum) | 8042-47-5 | 232-455-8 |
| LC50 | > | 5 | mg/l |
| Duration of exposure | | 4 | h |
| State of aggregation | mist | | |
| Species | rat | | |
| Method | OECD 403 | | |
| Source | ECHA | | |

| Skin corrosion/irritation | | | |
|---------------------------|-------------------------------|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | White mineral oil (petroleum) | 8042-47-5 | 232-455-8 |
| Species | rabbit | | |
| Method | OECD 404 | | |
| Source | ECHA | | |
| Evaluation | non-irritant | | |

| Serious eye damage/irritation | | | |
|-------------------------------|-------------------------------|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | White mineral oil (petroleum) | 8042-47-5 | 232-455-8 |
| Species | rabbit | | |
| Method | OECD 405 | | |
| Source | ECHA | | |
| Evaluation | non-irritant | | |

| Respiratory or skin sensitisation | | | |
|-----------------------------------|-------------------------------|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | White mineral oil (petroleum) | 8042-47-5 | 232-455-8 |
| Route of exposure | Skin | | |
| Species | guinea pig | | |
| Method | OECD 406 | | |
| Source | ECHA | | |
| Evaluation | non-sensitizing | | |

| Germ cell mutagenicity | | | |
|---------------------------|---|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | White mineral oil (petroleum) | 8042-47-5 | 232-455-8 |
| Type of examination | in vitro gene mutation study in mammalian cells | | |
| Species | Mouse lymphoma cells | | |
| Method | OECD 476 | | |
| Source | ECHA | | |
| Evaluation/classification | Based on available data, the classification criteria are not met. | | |
| Type of examination | in vitro gene mutation study in bacteria | | |
| Species | Salmonella typhimurium | | |
| Method | OECD 471 | | |
| Source | ECHA | | |
| Evaluation/classification | Based on available data, the classification criteria are not met. | | |
| 2 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | - | 918-481-9 |
| Type of examination | in vitro gene mutation study in bacteria | | |
| Species | S. typhimurium TA 1535, TA 1537, TA 98 and TA 100S. typhimurium TA 1535, TA 1537, TA 98, TA 100, TA 102 | | |
| Method | OECD 471 | | |
| Source | ECHA | | |
| Evaluation/classification | Based on available data, the classification criteria are not met. | | |
| Route of exposure | oral | | |
| Type of examination | In vivo mammalian somatic cell study: cytogenicity / erythrocyte micronucleus | | |
| Species | mouse | | |

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| | |
|---------------------------|---|
| Method | OECD 474 |
| Source | ECHA |
| Evaluation/classification | Based on available data, the classification criteria are not met. |

| Reproduction toxicity | | | |
|---------------------------|-------------------------------|---|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | White mineral oil (petroleum) | 8042-47-5 | 232-455-8 |
| Type of examination | | Toxicity study | |
| Species | | rat | |
| Method | | OECD 415 | |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |
| Type of examination | | Prenatal Developmental Toxicity Study | |
| Species | | rat | |
| Method | | OECD 414 | |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |

| Carcinogenicity | | | |
|---------------------------|-------------------------------|---|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | White mineral oil (petroleum) | 8042-47-5 | 232-455-8 |
| Route of exposure | | oral | |
| Type of examination | | Toxicity study | |
| Species | | rat | |
| Method | | OECD 453 | |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |

| STOT - single exposure | | |
|------------------------|--|--|
| No data available | | |

| STOT - repeated exposure | | | |
|---------------------------|--|---|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | White mineral oil (petroleum) | 8042-47-5 | 232-455-8 |
| Route of exposure | | oral | |
| Species | | rat | |
| Method | | OECD 453 | |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |
| Route of exposure | | inhalational | |
| Species | | rat | |
| Method | | OECD 412 | |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |
| Route of exposure | | dermal | |
| Species | | rat | |
| Method | | OECD 411 | |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |
| 2 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | - | 918-481-9 |
| Route of exposure | | oral | |
| NOAEL | | >= 500 mg/kg bw/d | |
| Species | | rat | |
| Method | | OECD 408 | |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |

| Aspiration hazard | | |
|-------------------|--|--|
| No data available | | |

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11.2 Information on other hazards**Endocrine disrupting properties**

No data available.

Other information

No data available.

SECTION 12: Ecological information**12.1 Toxicity**

| Toxicity to fish (acute) | | | |
|--------------------------|-------------------------------|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | White mineral oil (petroleum) | 8042-47-5 | 232-455-8 |
| LL50 | > | 10000 | mg/l |
| Duration of exposure | | 96 | h |
| Species | Leuciscus idus | | |
| Method | OECD 203 | | |
| Source | ECHA | | |

| Toxicity to fish (chronic) | | | |
|----------------------------|--|--|--|
| No data available | | | |

| Toxicity to Daphnia (acute) | | | |
|-----------------------------|-------------------------------|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | White mineral oil (petroleum) | 8042-47-5 | 232-455-8 |
| EL50 | > | 100 | mg/l |
| Duration of exposure | | 48 | h |
| Species | Daphnia magna | | |
| Method | OECD 202 | | |
| Source | ECHA | | |

| Toxicity to Daphnia (chronic) | | | |
|-------------------------------|--|--|--|
| No data available | | | |

| Toxicity to algae (acute) | | | |
|---------------------------|--|--|--|
| No data available | | | |

| Toxicity to algae (chronic) | | | |
|-----------------------------|--|--|--|
| No data available | | | |

| Bacteria toxicity | | | |
|-------------------|--|--|--|
| No data available | | | |

12.2 Persistence and degradability

| Biodegradability | | | |
|------------------|-------------------------------|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | White mineral oil (petroleum) | 8042-47-5 | 232-455-8 |
| Type | aerobic biodegradation | | |
| Value | | 31 | % |
| Duration | | 28 | day(s) |
| Method | OECD 301 F | | |
| Source | ECHA | | |
| Evaluation | potentially biodegradable | | |

12.3 Bioaccumulative potential

| Partition coefficient n-octanol/water (log value) | | | |
|---|--|---------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | - | 918-481-9 |

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| | | | |
|---------|------|---|------|
| log Pow | 3.17 | - | 7.22 |
| Method | QSAR | | |
| Source | ECHA | | |

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

| Results of PBT and vPvB assessment | |
|------------------------------------|---|
| PBT assessment | The components of this product are not considered to be a PBT. |
| vPvB assessment | The components of this product are not considered to be a vPvB. |

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information

| Other information |
|--|
| Do not discharge product unmonitored into the environment. |

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information**14.1 Transport ADR/RID/ADN**

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

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According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

| No | Substance name | CAS no. | EC no. | No |
|----|------------------------------------|-----------|-----------|----|
| 1 | 2-n-butyl-benzo[d]isothiazol-3-one | 4299-07-4 | 420-590-7 | 75 |
| 2 | 2-phenoxyethanol | 122-99-6 | 204-589-7 | 75 |

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information**Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

EUH066 Repeated exposure may cause skin dryness or cracking.

H304 May be fatal if swallowed and enters airways.

Creation of the safety data sheet

UMCO GmbH - D-21107 Hamburg, Georg-Wilhelm-Strasse 187, Tel.: +49(40)555 546 300, Fax: +49(40)555 546 357, e-mail: umco@umco.de

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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