

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 13.05.2022

Version number 103

Revision: 06.01.2022

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

- 1.1 Product identifier

- Trade name **Perkute Cleaner 07 NEU**

- UFI: JF60-40KC-S00Q-F944

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

No further relevant information available.

- Application of the substance / the mixture Cleaner

- 1.3 Details of the supplier of the safety data sheet

- Manufacturer/Supplier:

PERKUTE - Maschinenbau GmbH
Düsterbergstr. 10
D-48432 Rheine

Tel. ++ 49 / 59 71 / 80 81 68 - 0

Fax ++ 49 / 59 71 / 80 81 68 - 1

E-Mail: info@perkute.de

- Informing department: Product safety department

- 1.4 Emergency telephone number:

This is an English-language document designed for the European region. For the emergency number and other country-specific data, please refer to the specific national versions of this safety data sheet.

Counselling Centre for Poisoning, Mainz

Tel. (+49) 61 31 / 19 240.

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture

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

Eye Irrit. 2 H319 Causes serious eye irritation.

- 2.2 Label elements

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

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

- Hazard pictograms



GHS07

- Signal word Warning

- Hazard statements

H319 Causes serious eye irritation.

- Precautionary statements

P264 Wash thoroughly after handling.

P280 Wear eye protection / face 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.

- 2.3 Other hazards

- Results of PBT and vPvB assessment

- PBT: Not applicable.

- vPvB: Not applicable.

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SECTION 3: Composition/information on ingredients

- 3.2 Mixtures

- **Description:** Mixture of the substances listed below with harmless additions

- Dangerous components:

| | | |
|---|--|-----------|
| CAS: 5949-29-1 EINECS: 201-069-1 Reg.nr.: 01-2119457026-42 | citric acid monohydrate Eye Irrit. 2, H319; STOT SE 3, H335 | ≥10-<20% |
| CAS: 15763-76-5 EINECS: 239-854-6 Reg.nr.: 01-2119489411-37 | sodium p-cumenesulphonate Eye Irrit. 2, H319 | ≥2.5-<10% |
| Polymer | Alkylpolyethoxypolypropoxybenzylether Eye Dam. 1, H318; Acute Tox. 4, H312; Skin Irrit. 2, H315 | ≥1-≤2.5% |
| CAS: 87-69-4 EINECS: 201-766-0 Reg.nr.: 01-2119537204-47 | L-(+) tartaric acid Eye Dam. 1, H318 | ≥1-≤2.5% |

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

- Composition/Ingredients

Constituents according to EC-Regulation 648/2004:

5 - 15 % non-ionic surfactants,

SECTION 4: First aid measures

- 4.1 Description of first aid measures

- **General advice:** Change contaminated clothing.

- **After inhalation** Supply fresh air; consult doctor in case of symptoms.

- After skin contact

Wash skin with water using soap if available. If persistent irritation occurs, obtain medical attention.

- After eye contact

Rinse immediately opened eye for several minutes under running water. Then consult doctor.

- **After swallowing** Drink copious amounts of water and provide fresh air. Instantly call for doctor.

- 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** Use fire fighting measures that suit the environment.

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

- 5.3 Advice for firefighters

- **Protective equipment:** Wear self-contained breathing apparatus.

- Additional information

Endangered containers in the surrounding area should be cooled with a water-hose.

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SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment and keep unprotected persons away.
- **6.2 Environmental precautions:**
Do not allow to enter drainage system, surface or ground water.
If large amounts are released, the authorities must be informed.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Contaminated material has to be disposed as waste (see item 13).
- **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 information on disposal.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Prevent formation of aerosols.
Avoid eye contact.
- **Information about protection against explosions and fires:**
Pay attention to general rules of internal fire prevention.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage** Store in cool, dry conditions in well sealed containers.
- **Requirements to be met by storerooms and containers:**
Observe official regulations on storage and handling of water hazardous substances
- **Information about storage in one common storage facility:** Keep away from alkali.
- **Further information about storage conditions:** Keep container tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with critical values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- DNELs

15763-76-5 sodium p-cumenesulphonate

| | | |
|------------|-------------------|--|
| Oral | DNEL (population) | 3.8 mg/kg bw/day (Long-term, systemic effects) |
| Dermal | DNEL (worker) | 7.6 mg/kg bw/day (Long-term, systemic effects) |
| | DNEL (population) | 3.8 mg/kg bw/day (Long-term, systemic effects) |
| Inhalative | DNEL (worker) | 53.6 mg/m ³ (Long-term, systemic effects) |
| | DNEL (population) | 13.2 mg/m ³ (Long-term, systemic effects) |

87-69-4 L-(+) tartaric acid

| | | |
|--------|-------------------|--|
| Oral | DNEL (population) | 8.1 mg/kg bw/day (Long-term, systemic effects) |
| Dermal | DNEL (worker) | 2.9 mg/kg bw/day (Long-term, systemic effects) |
| | DNEL (population) | 1.5 mg/kg bw/day (Long-term, systemic effects) |

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| | | |
|------------|-------------------|---|
| Inhalative | DNEL (worker) | 5.2 mg/m³ (Long-term, systemic effects) |
| | DNEL (population) | 1.3 mg/m³ (Long-term, systemic effects) |

- PNECs

5949-29-1 citric acid monohydrate

| | |
|---------------|----------------------------|
| PNEC water | 440 mg/l (water) |
| PNEC sediment | 3.46 mg/kg dw (freshwater) |
| | 34.6 mg/kg dw (Seawater) |
| PNEC soil | 33.1 mg/kg dw (soil) |
| PNEC STP | >1,000 mg/l (sewage plant) |

15763-76-5 sodium p-cumenesulphonate

| | |
|------------|----------------------------------|
| PNEC water | 0.23 mg/l (freshwater) |
| | 2.3 mg/l (intermittent releases) |
| PNEC STP | 100 mg/l (380) |

87-69-4 L-(+) tartaric acid

| | |
|---------------|------------------------------------|
| PNEC water | 0.3125 mg/l (freshwater) |
| | 0.3125 mg/l (marine water) |
| PNEC | 0.514 mg/l (intermittent releases) |
| PNEC sediment | 1.141 mg/kg (freshwater) |
| | 1.141 mg/kg (marine water) |
| PNEC STP | 10 mg/l (sewage plant) |

- Additional information: The lists that were valid during the compilation were used as basis.

- 8.2 Exposure controls

- Personal protective equipment

- General protective and hygienic measures

Keep away from food, beverages and fodder.

Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes and skin.

Gases, fumes and aerosols should not be inhaled.

- Breathing equipment:

Use breathing protection in case of insufficient ventilation.

Respiratory protection in case of release of vapours/aerosols

- Protection of hands:

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

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.

- Eye protection: Tightly sealed safety glasses.

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- **Body protection:** Standard protective working clothes

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties

- General Information

- Appearance:

| | |
|------------------|-------------------------------|
| Form: | Fluid |
| Colour: | according product description |
| Smell: | Characteristic |
| Odour threshold: | Not determined. |

| | |
|--|----------------|
| pH-value at 20 °C: | 2.2 (Konz.) |
| Melting point/freezing point: | Not determined |
| Initial boiling point and boiling range: | Not determined |

| | |
|--------------|--|
| Flash point: | Product is non-flammable nor potentially explosive |
|--------------|--|

| | |
|---------------------------------|-----------------|
| Inflammability (solid, gaseous) | Not applicable. |
|---------------------------------|-----------------|

| | |
|----------------------------|-----------------|
| Decomposition temperature: | Not determined. |
|----------------------------|-----------------|

| | |
|----------------------|------------------------------|
| Self-inflammability: | Product is not selfigniting. |
|----------------------|------------------------------|

| | |
|-----------------------|--------------------------------------|
| Explosive properties: | Product is not potentially explosive |
|-----------------------|--------------------------------------|

- Critical values for explosion:

| | |
|--------|-----------------|
| Lower: | Not determined. |
| Upper: | Not determined. |

| | |
|------------------|-----------------|
| Vapour pressure: | Not determined. |
|------------------|-----------------|

| | |
|------------------|-------------------------|
| Density at 20 °C | 1.145 g/cm ³ |
| Relative density | Not determined. |
| Vapour density | Not determined. |
| Evaporation rate | Not determined. |

| | |
|---|----------------|
| Solubility in / Miscibility with Water: | Fully miscible |
|---|----------------|

| | |
|---|-----------------|
| Partition coefficient: n-octanol/water: | Not determined. |
|---|-----------------|

| | |
|------------|-----------------|
| Viscosity: | |
| dynamic: | Not determined. |
| kinematic: | Not determined. |

| | |
|-----------------------|--|
| 9.2 Other information | 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: Reactions with strong oxidising agents.

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- **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 that are relevant for classification:****5949-29-1 citric acid monohydrate**

Oral LD50 3,000 mg/kg (rat)

15763-76-5 sodium p-cumenesulphonate

Oral LD50 >2,000 mg/kg (rat)

Dermal LD50 >2,000 mg/kg (rabbit)

87-69-4 L-(+)-tartaric acid

Oral LD50 >2,000 mg/kg (rat, female) (OECD 423)

LDLO 7,500 mg/kg (rat)

Dermal LD50 >2,000 mg/kg (rat) (OECD 402)

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

Causes serious eye irritation.

- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.- **Subacute to chronic toxicity:**- **STOT-repeated exposure:****5949-29-1 citric acid monohydrate**

Oral NOAEL 1,200 mg/kg (rat)

- **Additional toxicological information:**- **CMR effects (carcinogenicity, 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:****5949-29-1 citric acid monohydrate**LC 50 / 96 h 440-760 mg/l (*Leuciscus idus*) (OECD 203)EC 50 / 72 h 120 mg/l (*Daphnia magna*)**15763-76-5 sodium p-cumenesulphonate**

LC 50 / 96 h >100 mg/l (fish)

EC 50 / 48 h >100 mg/l (*Daphnia magna*)EC 50 / 72 h >100 mg/l (*Desmodesmus subspicatus*)

EC 50 / 2 h >1,000 mg/l (activated sludge (method OECD 209))

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87-69-4 L-(+) tartaric acid

| | |
|--------------|--|
| LC 50 / 96 h | >100 mg/l (Danio rerio) (OECD 203) |
| EC 50 / 48 h | >100 mg/l (Daphnia magna) (OECD 202) |
| EC 50 / 24 h | 135 mg/l (Daphnia) |
| EC 50 / 72 h | 51 mg/l (Pseudokirchneriella subcapitata) (OECD 201) |

- 12.2 Persistence and degradability

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.

There is no information on the product available.

- 12.3 Bioaccumulative potential No further relevant information available.**- 12.4 Mobility in soil** No further relevant information available.**- Ecotoxicological effects:****- Remark:**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Harmful to aquatic life with long lasting effects.

Harmful to fish

- Additional ecological information:**- General notes:**

Rinse off of bigger amounts into drains or the aquatic environment may lead to decreased pH-values. A low pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably increased, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

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

- 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

The following advice is related to new material and not to any processed products. In case of a mixture with other products other disposal methods may become necessary. If in doubt seek advice from product supplier or from local authorities.

- Recommendation

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

- Waste disposal key number:

Since 01/01/99 the waste code numbers have not only been product-related but are also essentially application-related. The valid waste code number of the application can be obtained from the European waste catalogue.

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

Rented packaging: After optimal emptying, close immediately and return to the supplier without cleaning.

Care should be taken that no other materials get into the packaging.

Other containers: After complete emptying and cleaning, send to be reconditioned or recycled.

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SECTION 14: Transport information

| | |
|---|---|
| - 14.1 UN-Number | |
| - ADR/RID, IMDG, IATA | Void |
| - 14.2 UN proper shipping name | |
| - ADR/RID, IMDG, IATA | Void |
| - 14.3 Transport hazard class(es) | |
| - ADR/RID, IMDG, IATA | |
| - Class | Void |
| - 14.4 Packing group | |
| - ADR/RID, IMDG, IATA | Void |
| - 14.6 Special precautions for user | Not applicable. |
| - 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| - Transport/Additional information: | Avoid direct sunlight. Ensure that containers are free of damage, corrosion or leaks. Take necessary measures to secure the load. Not dangerous according to the above specifications. |
| - UN "Model Regulation": | Void |

* SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the CLP regulation.
- Hazard pictograms



GHS07

- Signal word **Warning**
- Hazard statements
H319 Causes serious eye irritation.
- Precautionary statements
P264 Wash thoroughly after handling.
P280 Wear eye protection / face 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.
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

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- REGULATION (EU) 2019/1148

- Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

- Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

- National regulations

- Information about limitation of use:

Employment restrictions concerning young persons must be observed.

- Other regulations, limitations and prohibitive regulations

- Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients is listed.

- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

* SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- UFI market placements:

- Relevant phrases

Complete wording of hazard statements and risk phrases (H- and R-phrases) mentioned in section 3. These phrases refer to the constituents. The labelling for this product is stated in section 2.

- Department issuing data specification sheet: see item 1: Informing department

- Abbreviations and acronyms:

NOAEL: No Observed Adverse Effect Level

RPE: Respiratory Protective Equipment

RCR: Risk Characterisation Ratio (RCR= PEC/PNEC)

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 Harmonized System of Classification and Labelling of Chemicals

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)

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 (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

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

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

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

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

- * Data compared to the previous version altered.