

## Safety data sheet

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

Printing date 24.01.2023

Version number 103.02

Revision: 19.01.2023

## 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**
- **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 <sup>3</sup> (Long-term, systemic effects)
	DNEL (population)	13.2 mg/m <sup>3</sup> (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)
Inhalative	DNEL (worker)	5.2 mg/m <sup>3</sup> (Long-term, systemic effects)

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	DNEL (population)	1.3 mg/m <sup>3</sup> (Long-term, systemic effects)
<b>- PNECs</b>		
<b>5949-29-1 citric acid monohydrate</b>		
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)	
<b>15763-76-5 sodium p-cumenesulphonate</b>		
PNEC water	0.23 mg/l (freshwater) 2.3 mg/l (intermittent releases)	
PNEC STP	100 mg/l (380)	
<b>87-69-4 L-(+) tartaric acid</b>		
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**

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

**- Individual protection measures, such as 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

**- Hand protection**

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/face 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

- <b>Colour:</b>	according product description
- <b>Smell:</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>	Not determined
- <b>Flammability</b>	Not applicable.
- <b>Lower and upper explosion limit</b>	
- <b>Lower:</b>	Not determined.
- <b>Upper:</b>	Not determined.
- <b>Flash point:</b>	Product is non-flammable nor potentially explosive
- <b>Decomposition temperature:</b>	Not determined.
- <b>pH at 20 °C</b>	2.2 (Konz.)
- <b>pH-value:</b>	
- <b>Viscosity:</b>	
- <b>Kinematic viscosity</b>	Not determined.
- <b>dynamic:</b>	Not determined.
- <b>Solubility</b>	
- <b>Water:</b>	Fully miscible
- <b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
- <b>Vapour pressure:</b>	Not determined.
- <b>Density and/or relative density</b>	
- <b>Density at 20 °C</b>	1.145 g/cm <sup>3</sup>
- <b>Relative density</b>	Not determined.
- <b>Vapour density</b>	Not determined.

#### - 9.2 Other information

- <b>Appearance:</b>	
- <b>Form:</b>	Fluid
- <b>Important information on protection of health and environment, and on safety.</b>	
- <b>Self-inflammability:</b>	Product is not selfigniting.
- <b>Explosive properties:</b>	Product is not potentially explosive
- <b>Evaporation rate</b>	Not determined.

#### - 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
- <b>Self-reactive substances and mixtures</b>	Void
- <b>Pyrophoric liquids</b>	Void
- <b>Pyrophoric solids</b>	Void

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- <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

- **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.
- **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** 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)
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#### 15763-76-5 sodium p-cumenesulphonate

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

#### Alkylpolyethoxypolypropoxybenzylether

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

- **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.
- **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.

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**- STOT-repeated exposure:****5949-29-1 citric acid monohydrate**

Oral NOAEL 1,200 mg/kg (rat)

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

None of the ingredients is listed.

## 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 &gt;100 mg/l (fish)

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

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

**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.

**5949-29-1 citric acid monohydrate**

Biodegradability 97 % (OECD 301 B) (28 d)

98 % (Zahn-Wellens-Test (OECD 302 B))

**15763-76-5 sodium p-cumenesulphonate**

Biodegradability &gt;60 % (OECD 301 B)

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

The product does not contain substances with endocrine disrupting properties.

**- 12.7 Other adverse effects****- Remark:**

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

Harmful to aquatic life with long lasting effects.

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*Harmful to fish***- Additional ecological information:****- General notes:** *Water hazard class 1 (Self-assessment): slightly hazardous for water.*

### 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.

### SECTION 14: Transport information

<b>- 14.1 UN number or ID number</b> <b>- ADR/RID/ADN, IMDG, IATA</b>	Void
<b>- 14.2 UN proper shipping name</b> <b>- ADR/RID/ADN, IMDG, IATA</b>	Void
<b>- 14.3 Transport hazard class(es)</b> <b>- ADR/RID/ADN, IMDG, IATA</b> <b>- Class</b>	Void
<b>- 14.4 Packing group</b> <b>- ADR/RID/ADN, IMDG, IATA</b>	Void
<b>- 14.6 Special precautions for user</b>	Not applicable.
<b>- 14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
<b>- Transport/Additional information:</b>	<i>Avoid direct sunlight. Ensure that containers are free of damage, corrosion or leaks. Take necessary measures to secure the load.</i> <i>Not dangerous according to the above specifications.</i>
<b>- UN "Model Regulation":</b>	Void

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### 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.

- **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.

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

- **Date of previous version:** 19.01.2023

- **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.**