

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 25.01.2023

Version number 115.03

Revision: 25.01.2023

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

- 1.1 Product identifier

- Trade name **Cleaner 08**

- UFI: 2300-P0H0-4003-G10C

- 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**

The product is not classified, according to the CLP regulation.

- 2.2 Label elements

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

- **Hazard pictograms** Void

- **Signal word** Void

- **Hazard statements** Void

- **Additional information:**

Safety data sheet available on request.

- 2.3 Other hazards

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- Determination of endocrine-disrupting properties

95-14-7 benzotriazole

List II

SECTION 3: Composition/information on ingredients

- 3.2 Mixtures

- **Description:** Mixture of the substances listed below with harmless additions (aqueous solution).

- Dangerous components:

CAS: 15763-76-5 EINECS: 239-854-6 Reg.nr.: 01-2119489411-37	sodium p-cumenesulphonate Eye Irrit. 2, H319	≥2.5-<10%
CAS: 126-92-1 EINECS: 204-812-8 Reg.nr.: 01-2119971586-23	sodium etasulfate Eye Dam. 1, H318; Skin Irrit. 2, H315 Specific concentration limits: Eye Dam. 1; H318: C ≥ 20 % Eye Irrit. 2; H319: 10 % ≤ C < 20 %	≤2.5%

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Polymer	Alkylalkoholethoxylat Acute Tox. 4, H302; Skin Irrit. 2, H315	≤2.5%
CAS: 95-14-7 EINECS: 202-394-1 Reg.nr.: 01-2119979079-20	benzotriazole Aquatic Chronic 2, H411; Acute Tox. 4, H302; Eye Irrit. 2, H319	<0.25%

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

- **Composition/Ingredients**

Constituents according to EC-Regulation 648/2004:

- < 5 % non-ionic surfactants,
- < 5 % anionic surfactants,
- < 5 % polycarboxylates,
- preservatives (Benzotriazole)

SECTION 4: First aid measures

- **4.1 Description of first aid measures**

- **General advice:** No special measures required.

- **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 opened eye for 15 minutes under running water.

Consult a doctor in case of symptoms.

- **After swallowing**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; instantly call for medical help.

- **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**

Adjust fire-fighting measures to surrounding burning

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.

- **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.

SECTION 6: Accidental release measures

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

Wear protective equipment. Keep off unprotected persons

- **6.2 Environmental precautions:**

Do not allow to enter drainage system, surface or ground water.

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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 Open and handle container with care.

- Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

- 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

Store in original containers or in PE-containers.

- Information about storage in one common storage facility: Not required.

- Further information about storage conditions: None.

- Storage class 12 (VCI - Konzept, 2007)

- 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 ³ (Long-term, systemic effects)
	DNEL (population)	13.2 mg/m ³ (Long-term, systemic effects)

126-92-1 sodium etasulfate

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Inhalative	DNEL (worker)	4.2 mg/m ³ (Long-term, systemic effects)
	DNEL (population)	2.1 mg/m ³ (Long-term, systemic effects)
- PNECs		
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)	
126-92-1 sodium etasulfate		
PNEC water	0.1357 mg/l (freshwater) 0.01357 mg/l (Seawater)	
PNEC	1.35 mg/l (sewage plant)	
PNEC	0.22 mg/kg dw (soil)	
PNEC sediment	1.5 mg/kg dw (freshwater) 0.15 mg/kg dw (Seawater)	
95-14-7 benzotriazole		
PNEC	0.0097 mg/l (Seawater) 0.097 mg/l (freshwater) 9.4 mg/l (sewage plant)	
PNEC sediment	1.1 mg/kg (freshwater) 0.11 mg/kg (marine water)	
PNEC soil	0.169 mg/kg (soil)	
PNEC STP	9.4 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

The usual precautionary measures should be adhered to in handling the chemicals.

Keep away from food, beverages and fodder.

Gases, fumes and aerosols should not be inhaled.

- Breathing equipment: Not necessary if room is well-ventilated.

- Hand protection

Protective gloves (EN 374).

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

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.

- 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 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

- Colour:	According to product specification
- Smell:	Characteristic
- Odour threshold:	Not determined.
- Melting point/freezing point:	Not determined
- Boiling point or initial boiling point and boiling range	100 °C
- Flammability	Not applicable.
- Lower and upper explosion limit	
- Lower:	Not determined.
- Upper:	Not determined.
- Flash point:	Product is non-flammable nor potentially explosive
- Decomposition temperature:	Not determined.
- pH at 20 °C	9.4
- pH-value:	
- Viscosity:	
- Kinematic viscosity	Not determined.
- dynamic:	Not determined.
- Solubility	
- Water:	Fully miscible
- Partition coefficient n-octanol/water (log value)	Not determined.
- Vapour pressure at 20 °C:	23 hPa (7732-18-5 water, distilled, conductivity or of similar purity)
- Density and/or relative density	
- Density at 20 °C	1.04 g/cm ³
- Relative density	Not determined.
- Vapour density	Not determined.

- 9.2 Other information

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

- Information with regard to physical hazard classes

- Explosives	Void
- Flammable gases	Void
- Aerosols	Void
- Oxidising gases	Void
- Gases under pressure	Void
- Flammable liquids	Void
- Flammable solids	Void
- Self-reactive substances and mixtures	Void
- Pyrophoric liquids	Void

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

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** strong oxidizing 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:**

15763-76-5 sodium p-cumenesulphonate

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

126-92-1 sodium etasulfate

Oral	LD50	2,840 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
		>2,000 mg/kg (mouse)

Alkylalkoholethoxylat

Oral	LD50	>300-2,000 mg/kg (rat)
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95-14-7 benzotriazole

Oral	LD50	560 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **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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- 11.2 Information on other hazards

- Endocrine disrupting properties

95-14-7 benzotriazole

List II

* SECTION 12: Ecological information

- 12.1 Toxicity

- Aquatic toxicity:

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))

126-92-1 sodium etasulfate

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

EC 50 / 48 h 483 mg/l (*Daphnia*)IC 50 / 72 h >511 mg/l (*Desmodesmus subspicatus*)

EC 50 / 3 h 135 mg/l /Mikroorgani

AlkylalkoholethoxylatLC 50 / 96 h >10-100 mg/l (*Pimephales promelas*)EC 50 / 48 h >100 mg/l (*Daphnia*)**95-14-7 benzotriazole**LC 50 / 96 h 25 mg/l (*Lepomis macrochirus*)LC 0 / 96 h 100 mg/l (*Brachydanio rerio*)EC 50 / 48 h 91 mg/l (*Daphnia magna*)EC 50 / 72 h 231 mg/l (*Scenedesmus subspicatus*)EC 10 0.97 mg/l (*Daphnia magna*) (OECD 211, 21d)

- 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.

15763-76-5 sodium p-cumenesulphonate

Biodegradability >60 % (OECD 301 B)

126-92-1 sodium etasulfate

Biodegradability >90 % (OECD 303 A) (28 d, OECD 303 A)

Biodegradability 89 % /28d (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 For information on endocrine disrupting properties see section 11.

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- 12.7 Other adverse effects

- **Respiratory inhibition of communal activated sludge EC 20 (mg/l according to ISO 8192 B):****95-14-7 benzotriazole**

EC 50 1,060 mg/l (OECD 209 / ISO 8192)

- **Other information:** The product does not contain organic halogen (AOX)- **Additional ecological information:**- **General notes:**

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

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

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods

- **Recommendation**

A used product should be recycled or used in other contexts, otherwise be handed over to an appropriate disposal site.

- **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:** After complete emptying and cleaning, send to be reconditioned or recycled.

SECTION 14: Transport information

- 14.1 UN number or ID number

- ADR/RID/ADN, IMDG, IATA

Void

- 14.2 UN proper shipping name

- ADR/RID/ADN, IMDG, IATA

Void

- 14.3 Transport hazard class(es)

- ADR/RID/ADN, IMDG, IATA

- Class

Void

- 14.4 Packing group

- ADR/RID/ADN, IMDG, IATA

Void

- 14.5 Environmental hazards:

- Marine pollutant:

Not applicable.

No

- 14.6 Special precautions for user

Not applicable.

- 14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

- **Transport/Additional information:**

Not dangerous according to the above specifications.

- **UN "Model Regulation":**

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** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

- **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**

Alle Bestandteile des Produkts befinden sich auf den folgenden Bestandslisten:

USA Toxic Substances Control Act (TSCA), China Inventory (IECSC).

Synonyme für Sodium p-cumenesulphonate; CAS-Nr. 15763-76-5 : Benzenesulfonic acid, (1-methylethyl)-sodium salt; CAS-Nr. 28348-53-0

- **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

- **Date of previous version:** 13.01.2023

- **Abbreviations and acronyms:**

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

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ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
TRGS: Technische Regeln für Gefahrstoffe (Technical Rules for Dangerous Substances, BAuA, Germany)
ISO: International Organisation for Standardisation
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
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

- * **Data compared to the previous version altered.**

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