

## Safety data sheet

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

Printing date 07.01.2020

Version number 109

Revision: 07.01.2020

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

##### - 1.1 Product identifier

- Trade name **Cleaner 14**

##### - 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** Cleaning agent / 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:

National Poisons Information Service (NPIS) - Emergency call (healthcare professionals): (+44) 844 892 0111 - 0344 892 0111

#### SECTION 2: Hazards identification

##### - 2.1 Classification of the substance or mixture

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

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

##### - 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**



GHS05

- **Signal word** Danger

##### - **Hazard-determining components of labelling:**

fatty alcohol alkoxylate

##### - **Hazard statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

##### - **Precautionary statements**

P280 Wear protective gloves/protective clothing/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.

P310 Immediately call a POISON CENTER/doctor.

##### - 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:

Polymer Reg.nr.: 02-2119552440-48	fatty alcohol alkoxyate Eye Dam. 1, H318; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	10-25%
CAS: 61791-14-8 Polymer	cocoalkyl amine ethoxylate Acute Tox. 4, H302; Eye Irrit. 2, H319	10-25%

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

#### - Composition/Ingredients

Constituents according to EC-Regulation 648/2004:  
> 30 % non-ionic surfactants,

### SECTION 4: First aid measures

#### - 4.1 Description of first aid measures

- **General advice:** In case of unconsciousness bring patient into stable side position for transport.

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

#### - After skin contact

Remove contaminated clothing immediately. Wash affected areas with plenty of water und soap. If irritation continues, contact a doctor.

#### - After eye contact

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

- **After swallowing** Rinse out mouth and then drink plenty of water.

#### - 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

CO<sub>2</sub>, 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

Can be released in case of fire:

Nitrogen oxides (NO<sub>x</sub>)

carbon monoxide (CO)

#### - 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 and keep unprotected persons away.

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**- 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** *Avoid contact with eyes or skin.***- 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

**- Additional information about design of technical systems:** *No further data; see item 7.***- 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.***- 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 skin.**Avoid contact with the eyes and skin.**Gases, fumes and aerosols should not be inhaled.***- Breathing equipment:** *Not necessary if room is well-ventilated.***- Protection of hands:***The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.**Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.**Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation*

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**- Material of gloves**

Butyl rubber, BR  
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. 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.

**- Body protection:**

Standard protective clothing. Chemical resistant safety-shoes or boots. If skin contact is possible, wear impenetrable protective clothing against this solvent.

### SECTION 9: Physical and chemical properties

**- 9.1 Information on basic physical and chemical properties****- General Information****- Appearance:**

**Form:** Fluid  
**Colour:** Brown

**- Smell:** Characteristic

**- Odour threshold:** Not determined.

**- pH-value (10 g/l) at 20 °C:** ~ 9.3

**- 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.

**- Ignition temperature:** > 200 °C  
(lowest level for individual components)

**- Decomposition temperature:** Not determined.

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

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

**- Critical values for explosion:**

**Lower:** Not determined.

**- Density at 20 °C** ~ 1.02 g/cm<sup>3</sup>

**- Solubility in / Miscibility with**

**Water:** Fully miscible

**- Viscosity:**

**dynamic:** Not determined.

**kinematic:** Not determined.

**- 9.2 Other information** No further relevant information available.

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### 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 toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values that are relevant for classification:**

**fatty alcohol alkoxyolate**

Oral	LD50	3,200 mg/kg (rat)
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**61791-14-8 cocoalkyl amine ethoxylate**

Oral	LD50	1,000 mg/kg (rat) (OECD 401)
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- **Primary irritant effect:**
- **Skin corrosion/irritation**  
Causes skin irritation.
- **Serious eye damage/irritation**  
Causes serious eye damage.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **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:**

**fatty alcohol alkoxyolate**

LC 50 / 96 h	1-10 mg/l (Leuciscus idus)
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NOEC	0.1-1 mg/l (Daphnia magna)
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	0.1-1 mg/l (Algae)
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**61791-14-8 cocoalkyl amine ethoxylate**

LC 50	1-10 mg/l (fish) (ISO 7346/2 (semistatic))
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- **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.

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- **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 fish

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

**fatty alcohol alkoxyate**

EC 10 >1,000 mg/l (activated sludge (DEV - L2))

**61791-14-8 cocoalkyl amine ethoxylate**

EC 0 10-100 mg/l (bacteria) (OECD 209)

- **Additional ecological information:**

- **General notes:**

Water hazard class 2 (Self-assessment): hazardous for water.

Do not allow product to reach ground water, water bodies or sewage system.

- **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.

## SECTION 14: Transport information

- **14.1 UN-Number**

- **ADR, IMDG, IATA**

Void

- **14.2 UN proper shipping name**

- **ADR, IMDG, IATA**

Void

- **14.3 Transport hazard class(es)**

- **ADR, IMDG, IATA**

- **Class**

Void

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- 14.4 Packing group	
- ADR, 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:	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



GHS05

- Signal word Danger
- Hazard-determining components of labelling:  
fatty alcohol alkoxyolate
- Hazard statements  
H315 Causes skin irritation.  
H318 Causes serious eye damage.
- Precautionary statements  
P280 Wear protective gloves/protective clothing/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.  
P310 Immediately call a POISON CENTER/doctor.
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- 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.

- Application: Directions for use: please refer to the Technical Information Sheet
- 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.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.
- Department issuing data specification sheet: see item 1: Informing department

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**- Abbreviations and acronyms:***RPE: Respiratory Protective Equipment**RCR: Risk Characterisation Ratio (RCR= PEC/PNEC)**ADR: Accord européen sur le transport 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)**TRGS: Technische Regeln für Gefahrstoffe (Technical Rules for Dangerous Substances, BAuA, Germany)**ISO: International Organisation for Standardisation**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**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 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3***- \* Data compared to the previous version altered.**

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