

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 14 Feb 2024

Print date: 23 Apr 2024

Version: 1



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## PowerClean

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

#### 1.1. Product identifier

Trade name/designation:

PowerClean

UFI:

QQU7-J3KR-92NM-YRFC

Additional information:

The substance does not require registration according to Regulation (EC) No 1907/2006 [REACH].

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

Use of the substance/mixture:

Cleaning agent

Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Relevant identified uses:

Product Categories [PC]

PC 35: Washing and cleaning products

#### 1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

DKL GmbH

An der Ziegelei 4

37124 Rosdorf

D

Telephone: +49 551 / 5006 0

E-mail: info@dkl.de

Website: www.neuepolster.de

#### 1.4. Emergency telephone number

No data available

### SECTION 2: Hazards identification

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

Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms:



GHS05

Corrosion

Signal word: Danger

#### Hazard statements for health hazards

H318 Causes serious eye damage.

#### Hazard statements for environmental hazards

H412 Harmful to aquatic life with long lasting effects.

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**Supplemental hazard information:** none

### Precautionary statements

P102 Keep out of reach of children.

### Precautionary statements Prevention

P280 Wear eye/face protection.

### Precautionary statements Response

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### Precautionary statements Disposal

P503 Refer to manufacturer/supplier for information on disposal/recovery/recycling.

### Special rules for supplemental label elements for certain mixtures:

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

### Special rules on packaging:

Tactile warning according to EN/ISO 11683. Child-resistant fastenings (EN/862/ISO 8317).

### Additional information:

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

### 2.3. Other hazards

No data available

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Description:


Cleaning agent

#### Additional information:

Hazard components for labelling:

> 50% Nichtionische Tenside

#### Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 9043-30-5	<b>Isotridecanol ethoxyliert</b> Acute Tox. 4 (H302), Eye Dam. 1 (H318)  Danger <b>Specific concentration limit (SCL)</b> Eye Irrit. 2; H319: 1.1% ≤ C < 3% Eye Dam. 1; H318: 3% ≤ C < 10%	50 weight-%

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information:

Remove affected person from the danger area and lay down. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

#### Following inhalation:

Provide fresh air.

#### In case of skin contact:

Rinse skin with water.

#### After eye contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

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### Following ingestion:

Rinse mouth. Let 1 glass of water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

### Self-protection of the first aider:

First aider: Pay attention to self-protection!

### 4.2. Most important symptoms and effects, both acute and delayed

No known symptoms to date.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

Excess water.. Water spray. Co-ordinate fire-fighting measures to the fire surroundings.

#### Unsuitable extinguishing media:

Strong water jet

### 5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

#### Hazardous combustion products:

Carbon monoxide In case of fire: Gases/vapours, toxic

### 5.3. Advice for firefighters

The product is not: Combustible Wear a self-contained breathing apparatus and chemical protective clothing.

### 5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

##### Personal precautions:

Use personal protection equipment. Avoid breathing dust/fume/gas/mist/vapours/spray. Remove persons to safety.

##### Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

##### Emergency procedures:

no restriction

#### 6.1.2. For emergency responders

##### Personal protection equipment:

Protective clothing. Personal protection equipment: see section 8

### 6.2. Environmental precautions

No special environmental measures are necessary. Do not allow to enter into surface water or drains.

### 6.3. Methods and material for containment and cleaning up

#### For containment:

Suitable material for taking up: Absorbing material, organic Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

#### For cleaning up:

Clear contaminated areas thoroughly.

### 6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

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### 6.5. Additional information

Use appropriate container to avoid environmental contamination.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Protective measures

##### Advices on safe handling:

No special handling advices are necessary. Wear personal protection equipment (refer to section 8).

##### Fire prevent measures:

No special fire protection measures are necessary. No special measures are necessary.

##### Measures to prevent aerosol and dust generation:

not applicable

##### Environmental precautions:

No special environmental measures are necessary.

##### Advices on general occupational hygiene

General health and safety measures. When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions:

No special measures are necessary. Keep container tightly closed in a cool, well-ventilated place.

#### Packaging materials:

none

#### Requirements for storage rooms and vessels:

No special measures are necessary.

#### Hints on storage assembly:

none

**Storage class (TRGS 510, Germany):** 8B - Non-combustible corrosive substances

#### Further information on storage conditions:

No special fire protection measures are necessary.

### 7.3. Specific end use(s)

No data available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No data available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No special measures are necessary.

#### 8.2.2. Personal protection equipment



##### Eye/face protection:

Eye protection: not required.

##### Skin protection:

By long-term hand contact Gloves with long cuffs . Suitable material: Butyl caoutchouc (butyl rubber) In the case of wanting to use the gloves again, clean them before taking off and air them well.

##### Respiratory protection:

none

##### Thermal hazards:

Non-combustible liquids.

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### Other protection measures:

none

### 8.2.3. Environmental exposure controls

No special environmental measures are necessary.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

**Physical state:** Liquid

**Colour:** colourless

**Odour:** odourless

**Odour threshold:** not relevant

#### Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	<i>not applicable</i>		
Melting point	<i>No data available</i>		
Freezing point	<i>No data available</i>		
Initial boiling point and boiling range	<i>not applicable</i>		
Decomposition temperature	<i>not applicable</i>		
Flash point	<i>not applicable</i>		
Evaporation rate	<i>No data available</i>		
Auto-ignition temperature	<i>not applicable</i>		
Upper/lower flammability or explosive limits	<i>not applicable</i>		
Vapour pressure	<i>No data available</i>		
Vapour density	<i>No data available</i>		
Density	1 g/cm <sup>3</sup>	20 °C	① DIN 12793
Bulk density	<i>not applicable</i>		
Water solubility	0 - 100 %	20 °C	② vollcompletely miscible
Dynamic viscosity	<i>No data available</i>		
Kinematic viscosity	<i>No data available</i>		

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No known symptoms to date. not relevant The product itself does not burn.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

none

### 10.4. Conditions to avoid

Temperature > 50°C

### 10.5. Incompatible materials

none

### 10.6. Hazardous decomposition products

none In case of fire: Gases/vapours, toxic

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### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Isotridecanol ethoxyliert CAS No.: 9043-30-5
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LD <sub>50</sub> oral: 556 mg/kg (rat)
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**Acute oral toxicity:**

Based on available data, the classification criteria are not met.

**Acute dermal toxicity:**

Based on available data, the classification criteria are not met.

**Acute inhalation toxicity:**

Based on available data, the classification criteria are not met.

**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.

**Additional information:**

No data available

#### 11.2. Information on other hazards

No data available

### SECTION 12: Ecological information

#### 12.1. Toxicity

Isotridecanol ethoxyliert CAS No.: 9043-30-5
--

LC <sub>50</sub> : >1 - <10 mg/L 4 d (fish)
---

**Aquatic toxicity:**

not relevant

**Sediment toxicity:**

not applicable

**Terrestrial toxicity:**

not applicable

**Effects in sewage plants:**

The organic part of the product is biodegradable.

#### 12.2. Persistence and degradability

Isotridecanol ethoxyliert CAS No.: 9043-30-5
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Biodegradation: Yes, rapidly
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### Biodegradation:

The surfactant contained in this mixture complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

### 12.3. Bioaccumulative potential

No data available

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

Isotridecanol ethoxyliert CAS No.: 9043-30-5

Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

### 12.6. Endocrine disrupting properties

No data available

### 12.7. Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### 13.1.1. Product/Packaging disposal

#### Waste codes/waste designations according to EWC/AVV

##### Waste code product

20 01 30	detergents other than those mentioned in 20 01 29
20 03 01	mixed municipal waste

##### Waste code packaging

20 01 39	plastics
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### Waste treatment options

#### Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

#### Appropriate disposal / Package:

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Non-contaminated packages may be recycled.

## SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN number or ID number</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.2. UN proper shipping name</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.3. Transport hazard class(es)</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.4. Packing group</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.5. Environmental hazards</b>			
not relevant	not relevant	not relevant	not relevant

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Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.6. Special precautions for user</b>			
not relevant	not relevant	not relevant	not relevant

### 14.7. Maritime transport in bulk according to IMO instruments

none

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU legislation

##### Authorisations:

All ingredients of this mixture are (pre)registered according to REACH regulation.

#### 15.1.2. National regulations

No data available

### 15.2. Chemical Safety Assessment

For this substance a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### 16.1. Indication of changes

Urversion

### 16.2. Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DIN	German Institute for Standardization / German Industrial Standard
ECHA	European Chemicals Agency
EN	European Standard
EWC	European Waste Catalogue
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
ISO	International Standards Organisation
LC <sub>50</sub>	Lethal (fatal) Concentration 50%
LD <sub>50</sub>	Lethal (fatal) Dose 50%
NFPA	National Fire Protection Association
PBT	persistent and bioaccumulative and toxic
PC	Product category
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
SCL	Specific concentration limit
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations

For abbreviations and acronyms, see table on the eSDScom website

### 16.3. Key literature references and sources for data

ECHA

### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].



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### 16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H302	Harmful if swallowed.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

### 16.6. Training advice

No special measures are necessary. Draw up and observe skin protection programme.

### 16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.