

# Safety data sheet

according to regulation (EC) 1907/2006 (REACH) and regulation (EC) 2015/830

**Trade name:**

CERACOAT Universal Cleaner

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Date of Issue: 14.03.2024

Replace Data Sheet of: 18.01.2019

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

### 1.1. Product identifiers

Trade name:	CERACOAT Universal Cleaner
Article-No.:	n.a.
Preparation No:	n.a.
Registration no:	n.a.
UFI-Code(*):	n.a.

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

Cleaner for commercial use, PV panels

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

#### 1.3.1 Address of the Company / Supplier

CERACOAT Industries

Büfelderstrasse 1

CH-8370 Sirmach

Telephone: +41 76 788 18 38

E-Mail [info@ceracoat.me](mailto:info@ceracoat.me)

#### 1.3.2 Responsible for the data sheet:

CERACOAT Industries – Büfelderstrasse 1 – CH-8370 Sirmach [info@ceracoat.me](mailto:info@ceracoat.me)

### 1.4. Emergency telephone number

Emergency Telephone of Company / Undertaking +41 76 788 18 38 (09:00 - 15:00 h)

National Poisons Information Service

+44 121 507 4123

## SECTION 2. Hazards identification

### 2.1. Classification of the substance or mixture

n.ap.

### 2.2. Label elements

Classification according to 1272/2008/EC: No

Applicable Exemptions: No

#### Hazard pictograms:

none

#### signal word:

none

#### Hazard statements (H-Phrases)

-

#### Precautionary statements (P-Phrases)

P102: Keep out of reach of children.

#### Additional Markings:

n.ap.

### 2.3. Other hazards

This mixture contains no substances which are assessed to be PBT or vPvB

## SECTION 3. Composition / information on ingredients

### 3.1. Substances

n.ap.

### 3.2. Mixtures

Chemical Characterisation:

Aqueous solution of cleaners

#### Dangerous ingredients:

EG-No	REACH-No	Wt%-range/ Remark
CAS-No	Chemical name	
INDEX-No	classification	
272-090-1	-	0,01 - <

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68698-61-3	Dinatriumpentylphosphat	0,25
-	Eye irrit. 2, H319	

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

Wt%-range: x-y means  $x \geq$  -  $< y$

Declaration according 648/2004/EC:

less than 5% phosphates

## SECTION 4. First aid measures

### 4.1 Description of first aid measures

#### 4.1.1 Inhalation:

Move to fresh air in case of accidental inhalation of vapours or decomposition products.

#### 4.1.2 Skin Contact:

Take off all contaminated clothing immediately. Wash off immediately with plenty of water.

Summon a doctor immediately.

#### 4.1.3 Eye Contact:

Call a physician immediately. In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

#### 4.1.4 Ingestion:

Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting. Call a physician immediately. Show this safety data sheet to the doctor in attendance.

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

None known.

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

Treat symptomatically. First aid measures refer to professional use

## SECTION 5. Firefighting measures

### 5.1 Extinguishing media

#### 5.1.1 Suitable Extinguishing Media:

Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam.

#### 5.1.2 Extinguishing Media to Avoid:

high volume water jet.

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

In the event of fire the following can be released: Carbon oxides, nitrogen oxides (NO<sub>x</sub>), Hydrogen chloride gas.

### 5.3 Advice for firefighters

#### 5.3.1 Special Protective Equipment:

Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.

#### 5.3.2 Additional Information:

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

## SECTION 6. Accidental release measures

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

See chapter 8.2.2

Contaminated surfaces will be extremely slippery.

### 6.2 Environmental precautions

Do not contaminate water. Local authorities should be advised if significant spillages cannot be contained.

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

Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

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## 6.4 Reference to other sections

None.

## SECTION 7. Handling and storage

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### 7.1 Precautions for safe handling

#### 7.1.1 Precautions for Safe Handling:

Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-use. When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday.

#### 7.1.2 Precautions in Case of Fire and Explosion:

Normal measures for preventive fire protection.

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

#### 7.2.1 Storage Instructions:

Keep container tightly closed in a dry and well-ventilated place. Keep eyewash bottle ready.

#### 7.2.2 Store away from:

Incompatible with oxidizing agents.

#### 7.2.3 Further Information on Storage Conditions:

None.

### 7.3 Specific end use(s)

n.av.

## SECTION 8. Exposure controls / personal protection

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### 8.1 Control parameters

**Material**

**Limit Value**

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### 8.2 Exposure controls

#### 8.2.1 Appropriate engineering controls

Ensure adequate ventilation

#### 8.2.2 Individual protection measures

##### 8.2.2a Respiratory Protection:

not required under normal use.

##### 8.2.2b Hand Protection:

Protective gloves complying with EN 374. butyl-rubber > 0,5 mm; Break through time > 8h.

The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

##### 8.2.2c Eye Protection:

safety glasses with side-shields conforming to EN166

##### 8.2.2d Skin Protection:

protective suit

##### 8.2.2e Further Information:

Observe wearing time limits:

### 8.2.3 Environmental exposure controls:

n.av.

## SECTION 9. Physical and chemical properties

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

**9.1.1 Form:** liquid      **Colour:** colourless      **Odour:** typical      **Odour threshold:** n.av.

**9.1.2 pH-value, undiluted**      8,0 – 10,0

pH-value 1% aqueous solution:      n.av.

**9.1.3 Boiling point / Boiling - range (°C):**      n.av., Melting point / Melting range (°C): n.av.

**9.1.4 Flash point (°C):**      > 100, closed cup

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<b>9.1.5</b>	Flammability (EEC A10/A13):	No.	
<b>9.1.6</b>	Ignition temperature (°C):	n.av.	
<b>9.1.7</b>	Autoflammability (EEC A16):	n.av.	
<b>9.1.8</b>	Oxidising properties:	No.	
<b>9.1.9</b>	Explosion hazard:	No.	
<b>9.1.10</b>	Explosion limits (Vol.%) lower:	n.av., upper:	n.av.
<b>9.1.11</b>	Vapour pressure:	n.av.	
	Vapour density (Air = 1):	n.av.	
<b>9.1.12</b>	Density (g/ml):	0,99 – 1,03	
<b>9.1.13</b>	Solubility (in Water):	miscible	Soluble in: water
<b>9.1.14</b>	Partition coefficient, n-Octanol / Water:	n.av.	
<b>9.1.15</b>	Viscosity:	n.av. mPa*s (20°C)	
<b>9.1.16</b>	Solvent content (m %):	0	
<b>9.1.17</b>	Thermal decomposition (°C):	n.av.	
<b>9.1.18</b>	Evaporation rate:	n.av.	

## 9.2 Other information

n.av.

## SECTION 10. Stability and reactivity

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### 10.1 Reactivity

None.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

### 10.4 Conditions to avoid

No conditions to be specially mentioned.

### 10.5 Incompatible materials

Incompatible with oxidizing agents.

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed. To avoid thermal decomposition, do not overheat

## SECTION 11. Toxicological Information

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### 11.1 Information on toxicological effects

Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]

No data on preparation itself available.

#### Acute Health Effects:

Inhalation:	n.av.
Ingestion: ATEmix:	>10000 mg/Kg
Skin Contact:	n.av.
Skin corrosion / irritation:	n.av.
Serious eye damage / irritation:	n.av.
Respiratory or skin sensitisation:	n.av.
Germ cell mutagenicity:	n.av.
Carcinogenicity:	n.av.
Reproductive toxicity:	n.av.
STOT-single exposure:	n.av.
STOT-repeated exposure:	n.av.
Aspiration hazard:	n.av.

#### 11.1.1 Practical Experience

#### Observations relevant for classification:

None.

#### Further Observations:

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None.

Classification of the preparation has been done by calculation in accordance with EEC directives

## SECTION 12. Ecological information

Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]

There is no information available on the preparation itself.

**12.1. Toxicity**

We have no quantitative data concerning the ecological effects of this product.

**12.2 Persistence and degradability:** No data is available on the product itself.

**12.3 Bioaccumulative potential** n.av.

**12.4 Mobility in soil** n.av.

**12.5 Results of PBT and vPvB assessment**

This mixture contains no substances which are assessed to be PBT or vPvB.

**12.6 Other adverse effects**

**12.6.1** COD-Value, mg/g: n.av.

**12.6.2** BOD5-Value, mg/g: n.av.

**12.6.3** AOX-Remarks: n.av.

**12.6.4** Significant Components: None.

**12.6.5** Other adverse effects: Not applicable

## SECTION 13. Disposal considerations

**13.1 Waste treatment methods**

**13.1.1 Recommendation:** D 10 / R 4

Waste-Code-No.: 20 01 30 or 20 03 01

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

In addition comply with the regional authorities.

**13.2 Contaminated Packaging**

**13.2.1 Recommendation:**

Wash with suitable cleaner. Otherwise as described under Residues.

Waste-Code-No.: 20 01 39

**13.2.2 Safe Handling:**

As described under Residues. Handle in accordance with good industrial hygiene and safety practice.

## SECTION 14. Transport information

**No dangerous good in sense of this transport regulation**

	ADR	IMDG	IATA
14.1	UN number		
	no DGR	no DGR	no DGR
14.2	UN proper shipping name		
	-	-	-
14.3	Transport hazard class(es)		
	-	-	-
14.4	Packing group		
14.5	Environmental hazards		
14.6	Special precautions for user		
	Tunnel restriction code: Transport category: - Classification Code: - Hazard-No.: -	-	Packing Instructions (passenger): - Packing Instructions (cargo): -

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	LQ: -		
14.7	Transport in Bulk according to Annex II of MARPOL73/78 and the IBC Code		
		n.av.	

## SECTION 15. Regulatory information

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

n.av.

### 15.2 Chemical safety assessment :

n.ap.

## SECTION 16. Other information

### Full text of classification in section 3:

H319 Causes serious eye irritation.

### Abbreviations and acronyms:

n.av. not available

n.ap. not applicable

NB not determined

(\*) alterations as compared to previous version

### Additional information

This datasheet has been compiled in accordance with EU regulation 2015/830.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.