

Date of issue: 14.06.2018 Replaces Data Sheet of: 30.08.2017  
 "\*" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available



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

- 1.1 **Product identifier**  
**Trade Name:** ceragol Ultra® Reinigungstabs  
**Article No.:** A08018567  
**Preparation No.:** 014  
**Registration No.:** n.ap.
  - 1.2 **Relevant identified uses of the substance or mixture and uses advised against**  
 Identified uses: cleaning agent
  - 1.3 **Details of the supplier of the safety data sheet**
  - 1.3.1 **Address of the Company / Supplier:**  
 ceragol international GmbH, Grundstrasse 41, CH- 8196 Wil  
 Telephone: +41 (0)44 879 16 31, Telefax: +41 (0)44 879 16 32, E-Mail: safety@ceragol.com
  - 1.4 **Emergency telephone number**  
 Emergency - Telephone of Company / Undertaking  
 Telephone: +41 (0)44 879 16 31 (8:00 – 16:30)
- Information Centre Specialising in  
Symptoms of Poisoning  
Telephone: +44 870 600 6266

**SECTION 2: Hazards identification**

- 2.1 **Classification of the substance or mixture**  
 Eye Irrit. 2; H319
  - 2.2 **Label elements**  
 Classification according to 1272/2008/EC: Yes.  
 Applicable Exemptions: Yes.  
 Signal word(s): Warning  
 Component(s):
- Hazard pictogram(s):
- 
- H - Phrases:**  
 H319: Causes serious eye irritation.
- P - Phrases:**  
 P101: If medical advice is needed, have product container or label at hand.  
 P102: Keep out of reach of children.  
 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.
- Additional Markings: None.
- The above mentioned labelling is valid for distribution to public use.
- 2.3 **Other hazards**  
 This mixture contains no substances which are assessed to be PBT or vPvB.

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**SECTION 3: Composition/information on ingredients****3.1 Substances**

n.ap.

**3.2 Mixtures****Chemical Characterisation:**

Mixture

**Dangerous Ingredients:**

Material	CAS - No.	Index - No.	EC - No.	REACH - No.	m% - range
<b>Disodium carbonate, compound with hydrogen peroxide (2:3)</b> 15630-89-4 Ox. Sol. 3; H272 / Acute Tox. 4; H302 / Eye Dam. 1; H318	n.ap.	239-707-6	01-2119457268-30-xxxx		<b>20 – 30%</b>
<b>Sodium carbonate</b> 497-19-8 Eye Irrit. 2; H319	011-005-00-2	207-838-8	01-2119485498-19-xxxx		<b>20 – 30%</b>
<b>Citric acid</b> 77-92-9 Eye Irrit. 2; H319	n.ap.	201-069-1	01-2119457026-42-xxxx		<b>10 – 20%</b>

Text of H - phrases: see section 16

m% - range: x – y  $\triangleq$  x  $\geq$  – < y**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 dust or fumes from overheating or combustion.

If symptoms persist, call a physician.

**4.1.2 Skin Contact:**

Before washing use a dry brush to remove dust from skin. Wash off with plenty of water.

If skin irritation persists, call a physician.

**4.1.3 Eye Contact:**

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

**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**

Dust may cause respiratory irritation (cough). Irritating to mucous membranes.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Symptoms may be delayed.

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

Treat symptomatically.

**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:**

None.

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

In the event of fire the following can be released: respirable dust carbon oxides oxides of phosphorus

**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.

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**SECTION 6: Accidental release measures**

- 6.1 **Personal precautions, protective equipment and emergency procedures**  
See chapter 8.2.2  
Avoid dust formation. When contacted with water, the product will produce a slippery condition.
- 6.2 **Environmental precautions**  
Do not contaminate water. Do not let product enter drains.  
Local authorities should be advised if significant spillages cannot be contained.
- 6.3 **Methods and material for containment and cleaning up**  
Use mechanical handling equipment. Avoid dust formation.  
If recycling is not practicable, dispose of in compliance with local regulations.
- 6.4 **Reference to other sections**  
None.

**SECTION 7: Handling and storage**

- 7.1 **Precautions for safe handling**
- 7.1.1 **Precautions for Safe Handling:**  
Avoid contact with skin and eyes. When using, do not eat, drink or smoke.  
Wash hands before breaks and at the end of workday.  
Take off all contaminated clothing immediately. Do not breathe dust.
- 7.1.2 **Precautions in Case of Fire and Explosion:**  
Keep away from heat and sources of ignition.
- 7.2 **Conditions for safe storage, including any incompatibilities**
- 7.2.1 **Storage Instructions:**  
Keep containers tightly closed in a dry, cool and well-ventilated place.  
Store at room temperature in the original container. Protect from frost, heat and sunlight.  
Never allow product to get in contact with water during storage (hygroscopic).  
Decomposes slowly on exposure to water. Protect against humid air and water.
- 7.2.2 **Store away from:**  
Do not store near acids.
- 7.2.3 **Further Information on Storage Conditions:**  
Product is hygroscopic. Never allow product to get in contact with water during storage.
- 7.3 **Specific end use(s)**  
n.av.

**SECTION 8: Exposure controls/personal protection**

- 8.1 **Control parameters**
- | Material | Limit Value |
|----------|-------------|
|          |             |
- 8.2 **Exposure controls**
- 8.2.1 **Appropriate engineering controls**  
Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.
- 8.2.2 **Individual protection measures**
- 8.2.2a **Respiratory Protection:** In the case of respirable dust, use self-contained breathing apparatus.  
Recommended filter type:P 2
- 8.2.2b **Hand Protection:** Protective gloves complying with EN 374.  
Butyl-rubber (0,5 mm) nitrile rubber (0,5 mm) break through time > 8 h  
The data about break through time/strength of material are standard values!  
The exact break through time/strength of material has to be obtained from the producer of the protective glove.  
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:** Tightly fitting safety goggles
- 8.2.2d **Skin Protection:** Long sleeved clothing
- 8.2.2e **Further Information:** Observe wearing time limits:
- 8.2.3 **Environmental exposure controls:**  
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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

9.1.1	<b>Form:</b> tablet	<b>Colour:</b> white	<b>Odour:</b> characteristic
			<b>Odour threshold:</b> n.av.
9.1.2	pH-value, undiluted:	n.ap.	
	pH-value, 1% aqueous solution:	10	
9.1.3	Boiling point / Boiling - range (°C):	n.av., Melting point / Melting range (°C): n.av.	
9.1.4	Flash point (°C):	n.ap., closed cup	
9.1.5	Flammability (EEC A10/A13):	No.	
9.1.6	Ignition temperature (°C):	n.av.	
9.1.7	Autoflammability (EEC A16):	None.	
9.1.8	Oxidising properties:	No.	
9.1.9	Explosion hazard:	No.	
9.1.10	Explosion limits (Vol.%) lower:	n.av., upper: n.av.	
9.1.11	Vapour pressure:	n.av.	
	Vapour density (Air = 1):	n.av.	
9.1.12	Density (g/ml):	n.av.	
9.1.13	Solubility (in Water):	soluble	
9.1.14	Partition coefficient, n-Octanol / Water:	n.av.	
9.1.15	Viscosity:	n.ap.	
9.1.16	Solvent content (m %):	Not relevant	
9.1.17	Thermal decomposition (°C):	n.av.	
9.1.18	Evaporation rate:	n.av.	
9.2	<b>Other information</b>		
	n.av.		

**SECTION 10: Stability and reactivity****10.1 Reactivity**

None known.

**10.2 Chemical stability**

Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions**

Decomposes in contact with water. acids

**10.4 Conditions to avoid**

Heat, flames and sparks. Never allow product to get in contact with water during storage.

**10.5 Incompatible materials**

Incompatible with strong acids and bases. reducing agents humid air and water

**10.6 Hazardous decomposition products**

Decomposes slowly on exposure to water.

Decomposes by reaction with strong acids.

Hazardous decomposition products: oxygen carbon oxides

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**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

Acute Health Effects:

Inhalation:

n.av.

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Ingestion:

Disodium carbonate, compound with hydrogen peroxide (2:3)

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LD<sub>50</sub>/oral/rat = 1034 mg / kg

ATE-mix (calculated) &gt; 4308 mg / kg

Skin Contact:

n.av.

Skin corrosion / irritation:

Slight

Serious eye damage / irritation:

Causes serious eye irritation.

Respiratory or skin sensitisation:

No.

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**

11.1.11 n.av.

**11.1.12 Practical Experience**

Observations relevant for classification:

None.

Further Observations:

None.

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

**SECTION 12: Ecological information****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.

Solutions with high pH-value must be neutralized before discharge.

**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:

Not applicable.

12.6.4 Significant Components:

Not relevant

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 29

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.

**13.1.2 Contaminated Packaging**

Recommendation: Wash with suitable cleaner. Otherwise as described under Residues.

Safe Handling: As described under Residues.

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**SECTION 14: Transport information**

	<b>ADR</b>	<b>IMDG</b>	<b>IATA</b>
*	Not a dangerous substance as defined in the above regulations. <sup>1)</sup>		
14.1	<b>UN number</b>		
14.2	<b>UN proper shipping name</b>		
14.3	<b>Transport hazard class(es)</b>		
14.4	<b>Packing group</b>		
14.5	<b>Environmental hazards</b>		
14.6	<b>Special precautions for user</b> Transport category: Classification Code: Hazard - No.: LQ:		Packing Instructions (Passenger)  Packing Instructions (Cargo)
14.7	<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>		

**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****Text of H phases mentioned in Section 3**

H272: May intensify fire; oxidiser.

H302: Harmful if swallowed.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

**\*Literature:**

1) Study No. 12092001H938UN Laus GmbH, Kirrweiler, Germany

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.

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