

# EU safety data sheet

**Trade name:** KRONES celcare CFA 1001

**Current version :** 1.0.1, issued: 04.01.2023

**Replaced version:** 1.0.0, issued: 05.06.2020

**Region:** GB

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

### 1.1 Product identifier

**Trade name**

**KRONES celcare CFA 1001**

Substance name Cellulose

**Identification numbers**

CAS no. 9004-34-6

EC no. 232-674-9

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

**Relevant identified uses of the substance or mixture**

Cellulose

**Uses advised against**

No data available.

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

**Address**

KIC KRONES Internationale Cooperationsgesellschaft mbH

Böhmerwaldstraße 5

93073 Neutraubling

Telephone no. +49 9401 70-3020

e-mail kic@kic-krones.com

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

In case of transport incidents and other emergencies:

+44 (0) 1235 239 670 (NCEC, National Chemical Emergency Centre)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification information**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

### 2.2 Label elements

Not relevant

### 2.3 Other hazards

No data available.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

**Chemical characterization**

Substance name Cellulose

**Identification numbers**

CAS no. 9004-34-6

EC no. 232-674-9

### 3.2 Mixtures

Not applicable. The product is not a mixture.

## SECTION 4: First aid measures

# EU safety data sheet

**Trade name:** KRONES celcare CFA 1001

**Current version :** 1.0.1, issued: 04.01.2023

**Replaced version:** 1.0.0, issued: 05.06.2020

**Region:** GB

## 4.1 Description of first aid measures

### General information

In case of persisting adverse effects, consult a physician.

### After inhalation

Ensure supply of fresh air. In case of persisting adverse effects consult a physician.

### After skin contact

When in contact with the skin, clean with soap and water. No special measures necessary.

### After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Get medical attention if pain still persists.

### After ingestion

No special measures necessary.

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

No data available.

## 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

Water spray jet; Carbon dioxide; Foam; Extinguishing powder

#### Unsuitable extinguishing media

High power water jet

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

In the event of fire, the following can be released: Carbon monoxide and carbon dioxide; Danger of dust explosion when in powder form.

### 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Avoid dust formation.

#### For emergency responders

Personal protective equipment (PPE) - see section 8.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

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

Collect mechanically. Avoid raising dust. When collected, handle material as described under the section heading "Disposal considerations".

### 6.4 Reference to other sections

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

# EU safety data sheet

**Trade name:** KRONES celcare CFA 1001

**Current version :** 1.0.1, issued: 04.01.2023

**Replaced version:** 1.0.0, issued: 05.06.2020

**Region:** GB

Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances. Ensure adequate ventilation. Avoid dust formation.

## **General protective and hygiene measures**

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Do not inhale dust.

## **Advice on protection against fire and explosion**

Take measures against dust explosion. Keep away from sources of heat and ignition. Take precautionary measures against static charges. No sparking tools should be used.

## **Dust explosion class**

ST1

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

### **Technical measures and storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place. Protect against humidity

### **Recommended storage temperature**

Value < 50 °C

### **Storage stability**

Value max. 5 year(s)

### **Requirements for storage rooms and vessels**

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Always keep in containers of same material as the original.

### **Incompatible products**

Substances to be avoided, see section 10.

## **7.3 Specific end use(s)**

No data available.

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

### **8.1 Control parameters**

#### **Occupational exposure limit values**

No	Substance name	CAS no.	EC no.
1	Cellulose	9004-34-6	232-674-9
<b>List of approved workplace exposure limits (WELs) / EH40</b>			
Cellulose (pure)			
total inhalable dust			
	WEL short-term (15 min reference period)	20	mg/m <sup>3</sup>
	WEL long-term (8-hr TWA reference period)	10	mg/m <sup>3</sup>
<b>List of approved workplace exposure limits (WELs) / EH40</b>			
Cellulose (pure)			
respirable dust			
	WEL long-term (8-hr TWA reference period)	4	mg/m <sup>3</sup>

### **8.2 Exposure controls**

#### **Appropriate engineering controls**

Ensure adequate ventilation, local exhaust at the work station if necessary.

#### **Personal protective equipment**

##### **Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of dust formation, take appropriate measures for breathing protection in the event that workplace threshold values are not specified.

Respirator P1

##### **Eye / face protection**

Safety glasses (EN 166)

##### **Hand protection**

# EU safety data sheet

**Trade name:** KRONES celcare CFA 1001

**Current version :** 1.0.1, issued: 04.01.2023

**Replaced version:** 1.0.0, issued: 05.06.2020

**Region:** GB

In case of intensive contact, wear protective gloves (EN 374). Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

**Other**

Chemical-resistant work clothes.

**Environmental exposure controls**

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>State of aggregation</b>			
solid			
<b>Form</b>			
solid; Powder			
<b>Colour</b>			
white			
<b>Odour</b>			
odourless			
<b>pH value</b>			
Value	5	-	7
<b>Boiling point / boiling range</b>			
No data available			
<b>Melting point/freezing point</b>			
No data available			
<b>Decomposition temperature</b>			
Value	appr.	200	°C
<b>Flash point</b>			
No data available			
<b>Ignition temperature</b>			
No data available			
<b>Oxidising properties</b>			
not oxidizing			
<b>Explosive properties</b>			
Dust may form explosive mixture in air.			
<b>Flammability</b>			
No data available			
<b>Lower explosion limit</b>			
Value	30	g/m <sup>3</sup>	
<b>Upper explosion limit</b>			
Value	11000	g/m <sup>3</sup>	
<b>Vapour pressure</b>			
No data available			
<b>Relative vapour density</b>			
No data available			
<b>Relative density</b>			
No data available			

# EU safety data sheet

**Trade name:** KRONES celcare CFA 1001

**Current version :** 1.0.1, issued: 04.01.2023

**Replaced version:** 1.0.0, issued: 05.06.2020

**Region:** GB

<b>Density</b>	
Value	1.5 g/cm <sup>3</sup>
<b>Bulk density</b>	
Value	110 - 145 kg/m <sup>3</sup>
<b>Solubility in water</b>	
Comments	insoluble
<b>Solubility</b>	
No data available	
<b>Partition coefficient n-octanol/water (log value)</b>	
No data available	
<b>Kinematic viscosity</b>	
No data available	
<b>Particle characteristics</b>	
No data available	

## 9.2 Other information

<b>Other information</b>
Minimum ignition energy in mJ: > 30
Minimum ignition temperature of a dust cloud (°C): ≥ 400
Flammability and burning behaviour of dust layers: combustion rate (BZ) 5
Minimum ignition temperature of a 5 mm dust layer (glowing temperature): ≥ 330 °C
Maximum explosion pressure in bar: ≤ 9.5
KSt-value in bar m s-1: ≤ 200
The product has not been tested. The statement is derived from products of similar composition.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

### 10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

### 10.4 Conditions to avoid

Temperatures > 200 °C

### 10.5 Incompatible materials

No data available.

### 10.6 Hazardous decomposition products

No data available.

## SECTION 11: Toxicological information

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

<b>Acute oral toxicity</b>			
No data available			
<b>Acute dermal toxicity</b>			
No data available			
<b>Acute inhalational toxicity</b>			
No	Substance name	CAS no.	EC no.
1	Cellulose	9004-34-6	232-674-9

# EU safety data sheet

**Trade name:** KRONES celcare CFA 1001

**Current version :** 1.0.1, issued: 04.01.2023

**Replaced version:** 1.0.0, issued: 05.06.2020

**Region:** GB

LC50	5.82	mg/l
Duration of exposure	4	h
State of aggregation	Dust/mist	
Species	rat	
Source	Manufacturer	

## **Skin corrosion/irritation**

No data available

## **Serious eye damage/irritation**

No data available

## **Respiratory or skin sensitisation**

No data available

## **Germ cell mutagenicity**

No data available

## **Reproduction toxicity**

No data available

## **Carcinogenicity**

No data available

## **STOT - single exposure**

No data available

## **STOT - repeated exposure**

No data available

## **Aspiration hazard**

No data available

## **11.2 Information on other hazards**

### **Endocrine disrupting properties**

No data available.

### **Other information**

No data available.

## **SECTION 12: Ecological information**

### **12.1 Toxicity**

#### **Toxicity to fish (acute)**

No data available

#### **Toxicity to fish (chronic)**

No data available

#### **Toxicity to Daphnia (acute)**

No data available

#### **Toxicity to Daphnia (chronic)**

No data available

#### **Toxicity to algae (acute)**

No data available

#### **Toxicity to algae (chronic)**

No data available

#### **Bacteria toxicity**

No data available

### **12.2 Persistence and degradability**

No data available.

### **12.3 Bioaccumulative potential**

# EU safety data sheet

**Trade name:** KRONES celcare CFA 1001

**Current version :** 1.0.1, issued: 04.01.2023

**Replaced version:** 1.0.0, issued: 05.06.2020

**Region:** GB

No data available.

## 12.4 Mobility in soil

No data available.

## 12.5 Results of PBT and vPvB assessment

No data available.

## 12.6 Endocrine disrupting properties

No data available.

## 12.7 Other adverse effects

No data available.

## 12.8 Other information

### Other information

Do not discharge product unmonitored into the environment.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

#### Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

## SECTION 14: Transport information

### 14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

### 14.2 Transport IMDG

The product is not subject to IMDG regulations.

### 14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

### 14.4 Other information

No data available.

### 14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

### 14.6 Special precautions for user

No data available.

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

Not relevant

## SECTION 15: Regulatory information

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

#### EU regulations

#### Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

In accordance with the REACH regulation (EC) 1907/2006, the product does not contain any substances that are considered as subject to listing in annex XIV, inventory of substances requiring authorisation.

#### REACH candidate list of substances of very high concern (SVHC) for authorisation

# EU safety data sheet

**Trade name:** KRONES celcare CFA 1001

**Current version :** 1.0.1, issued: 04.01.2023

**Replaced version:** 1.0.0, issued: 05.06.2020

**Region:** GB

In accordance with article 57 and article 59 of the Reach regulation (EC) 1907/2006, this substance is not considered as subject to listing in annex XIV, inventory of substances requiring authorisation ("Authorization list").

**Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES**

The substance is not subject to the provisions of annex XVII (restriction entries) of the Reach regulation (EC) 1907/2006.

**Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances**

This substance is not subject to Part 1 or 2 of Annex I

**Other regulations**

Adhere to the national sanitary and occupational safety regulations when using this product.

## 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this substance.

## SECTION 16: Other information

**Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

**Creation of the safety data sheet**

UMCO GmbH - D-21107 Hamburg, Georg-Wilhelm-Strasse 187, Tel.: +49(40)555 546 300, Fax: +49(40)555 546 357, e-mail: umco@umco.de

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Document protected by copyright. Alterations or reproductions require the express written permission of UMCO GmbH.

Prod-ID 767490