



# SAFETY DATA SHEET (MSDS)

Compliant with WHMIS 2015 and GHS Standards

## CELLULAIN porcelain paper clay

Rev. 1  
Date 12.06.25

### 1. Identification of the substance / mixture and of the company:

#### 1.1. Product identifier

Mixture identification:  
Trade name: CELLULAIN

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

##### Recommended use:

Ceramic clay or natural modelling clay. Designed for artistic ceramics and pottery.

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

CERÁMICA COLLET S.A.  
Pol. Ind. L'Olana s/n  
E-08292 Esparreguera (Barcelona) – SPAIN  
Tel. +34 93 777 23 44 Fax +34 93 770 94 11  
Web: [www.sio-2.com](http://www.sio-2.com)

Competent person responsible for the safety data sheet:  
[msds@sio-2.com](mailto:msds@sio-2.com)

#### 1.4. Emergency telephone number

CERÁMICA COLLET S.A. Telf: +34 937772344 (07:00-15:00; GMT +01:00)

### 2. Hazards Identification

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

WHMIS 2015 and OSHA Classification:

Skin Sensitization Category 1A (H317): May cause an allergic skin reaction.

Adverse physicochemical, human health and environmental effects:  
No other hazards

#### 2.2. Label elements

The product is classified as hazardous under OSHA Hazard Communication Standard (HCS) 2012 and WHMIS 2015

Hazard pictograms:



Hazard Statements:

H317: May cause an allergic skin reaction.

Precautionary statements:

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.  
P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
P501: Dispose of contents/container in accordance with regulations.

Special Provisions:

Octilino (ISO); 2-octil-2H-isotiazol-3-ona; [OIT]

Special provisions according to OSHA Hazard Communication Standard (HCS) 2012 and WHMIS 2015:  
None.

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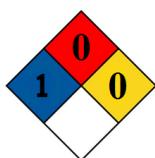


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Additional classification information:

NFPA rating:



HMIS rating:



### 2.3. Other hazards

No PBT, mPmB or endocrine disruptor substances present in concentration  $\geq 0.1\%$

Other Hazards:

This product is supplied exclusively in plastic paste form. Under intended and normal conditions of use, it does not generate airborne dust.

The content of respirable crystalline silica is below  $0.1\%$ \* by weight, as defined by the Hazardous Products Regulations (SOR/2015-17). Therefore, the product is not classified as hazardous under WHMIS 2015.

Only if the product is dried and subjected to mechanical actions such as sanding or grinding, outside of its intended use, could limited amounts of dust be generated. In such cases, proper dust control and respiratory protection should be used to avoid exposure to respirable particles.

*\*According to Section 4.5.1 of the Canadian Hazardous Products Regulations (SOR/2015-17), classification as a carcinogen under WHMIS 2015 is not required when respirable crystalline silica is present at concentrations lower than  $0.1\%$  w/w in the product*

## 3. Composition / Information on ingredients

### 3.1. Substances

Contains less than  $0.1\%$  respirable crystalline silica.

### 3.2. Mixtures

Quantity	Name	ID number	Classification
0,1 – 0,3 %	2-(2-Butoxiethoxy)etanol; éter monobutílico de dietilenglicol	Número Index: 603-096-00-8 CAS: 112-34-5 EC: 203-961-6	! Eye Irrit. 2 H319
0,01 – 0,05 %	Bronopol (DCI); 2- bromo-2-nitropropano- 1,3-diol	Número Index: 603-085-00-8 CAS: 52-51-7 EC: 200-143-0	! STOT SE 3 H335 ! Skin Irrit. 2 H315 ! Eye Dam. 1 H318 ! Aquatic Acute 1 H400 M=10. ! Oral Acute Tox. 4 H302 ! Dermal Acute Tox. 4 H312
0,01 – 0,05 %	Butilcarbamato de 3- yodo-2-propinilo; butilcarbamato de 3- yodoprop-2-in-1-ilo	Número Index: 616-212-00-7 CAS: 55406-53-6 EC: 259-627-5	! Inhal Acute Tox. 3 H331 ! Oral Acute Tox. 4 H302 ! STOT RE 1 H372

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			Eye Dam. 1 H318 Skin Sens. 1 H317 Aquatic Acute 1 H400 M=10. Aquatic Chronic 1 H410 M=1.
< 0,01 %	Octilina (ISO); 2-octil-2H-isotiazol-3-ona; [OIT]	Número Index: 613-112-00-5 CAS: 26530-20-1 EC: 247-761-7	Inhal Acute Tox. 2 H330 Dermal Acute Tox. 3 H311 Oral Acute Tox. 3 H301 Skin Corr. 1 H314 Eye Dam. 1 H318 Skin Sens. 1A H317 Aquatic Acute 1 H400 M=100. Aquatic Chronic 1 H410 M=100.  Specific concentration limits: C >= 0,0015%: Skin Sens. 1A H317

Hazardous components classified according to the Hazardous Products Regulations (SOR/2015-17) under WHMIS 2015 and their corresponding classification:

Component	CAS	Classification	Concentration	Exposure limits
Crystalline silica (quartz), <b>non-respirable fraction</b>	14808-60-7	-	10-20%	-
Crystalline silica (quartz), <b>respirable</b>	14808-60-7	Carc. 1A (H350i), STOT RE1 (H372)	<0.1%	≥0.1%

## 4. First aid measures

### 4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eye contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. Seek medical attention immediately.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

May cause allergic skin reactions. Sensitized individuals may experience delayed effects.

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

Treatment:

Symptomatic treatment.

## 5. Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media:

Spray water.

Carbon dioxide (CO2).



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Extinguishing media which must not be used for safety reasons:  
None in particular.

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

Do not inhale explosion and combustion gases.  
Burning produces heavy smoke.

### **5.3. Advice for firefighters**

Use suitable breathing apparatus.  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Move undamaged containers from immediate hazard area if it can be done safely.

## **6. Accidental release measures**

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

Wear personal protection equipment.  
Remove persons to safety.  
See protective measures under point 7 and 8.

### **6.2. Environmental precautions**

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.  
Retain contaminated washing water and dispose it.  
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.  
Suitable material for taking up: absorbing material, organic, sand.

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

Wash with plenty of water.

### **6.4. Reference to other sections**

See also section 8 and 13.

## **7. Handling and storage**

### **7.1. Precautions for safe handling**

Avoid contact with eyes.  
See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:  
Do not eat or drink while working.  
If the product is allowed to dry and is subsequently sanded or ground, adequate ventilation or respiratory protection should be used to avoid exposure to any potentially respirable dust.

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

Keep out of frost (keep at temperature  $>0^{\circ}\text{C}$ ).  
Keep away from food, drink and feed.

Incompatible materials:  
None in particular.

Instructions as regards storage premises:  
Adequately ventilated premises.

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

None in particular.

## **8. Exposure controls / personal protection**

### **8.1. Control parameters**

Occupational Exposure Limits for 2-(2-Butoxyethoxy)ethanol (Diethylene glycol monobutyl ether) (CAS 112-34-5):

Organization	TWA (8h)	STEL (Short-Term)
OSHA PEL (U.S.)	100 ppm	150 ppm
ACGIH TLV (U.S.)	10 ppm (IFV)	-
NIOSH REL (U.S.)	10 ppm (IFV)	-
Ontario OEL (Canada)	10 ppm	15 ppm

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2-(2-Butoxyethoxy)ethanol; Diethylene glycol monobutyl ether - CAS: 112-34-5

U.S. EPA Water Quality Criteria:

Freshwater Limit: 1 mg/L (recommended guideline)  
Seawater Limit: 0.1 mg/L (recommended guideline)  
Wastewater Treatment Plant (WWTP) Discharge Limit: 200 mg/L (site-specific regulation applies)

Canada CEPA Guidelines:

Freshwater Sediments: 4.0 mg/kg dw (draft guideline)  
Marine Water Sediments: 0.4 mg/kg dw (draft guideline)

Substance	CAS No.	Fraction	Occupational Exposure Limit (8h TWA)	Regulatory Source
Crystalline silica (quartz)	14808-60-7	Respirable fraction (<10 µm)	0.1 mg/m <sup>3</sup> (inhalable, respirable dust)	ACGIH TLV (2023), Ontario OEL, WHMIS 2015 (reference)

### 8.2. Exposure controls

Eye protection:

Wear safety goggles if there is a risk of splashes or direct contact with the product.

Protection for skin:

Use protective clothing in case of prolonged contact.

Protection for hands:

Wear protective gloves (e.g., nitrile or PVC) when handling the material to prevent skin sensitization.

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None

Environmental exposure controls:

Avoid release to the environment. Collect and dispose of spills appropriately.

Appropriate engineering controls:

Ensure good ventilation in the working area. Use local exhaust if dust is generated.

## 9. Physical and chemical properties

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

Physical state:	Plastic clay
Colour:	White
Odour:	N.A.
Melting point/freezing point:	N.A.
Boiling point or initial boiling point and boiling range:	N.A.
Flammability:	N.A.
Lower and upper explosion limit:	N.A.
Flash point:	N.A.
Auto-ignition temperature:	N.A.
Decomposition temperature:	N.A.
pH:	N.A.
Kinematic viscosity:	N.A.
Solubility in water:	Insoluble
Solubility in oil:	N.A.
Partition coefficient n-octanol/water (log value):	N.A.
Vapour pressure:	N.A.
Density and/or relative density:	2.0 g/cm <sup>3</sup>

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Relative vapour density:	N.A.
Auto-ignition temperature:	N.A.
Decomposition temperature:	N.A.
Viscosity:	N.A.
Explosive properties:	N.A.
Oxidizing properties:	N.A.

### 9.2. Other information

No additional information available

## 10. Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions

### 10.2. Chemical stability

Stable under normal conditions

### 10.3. Possibility of hazardous reactions

None

### 10.4. Conditions to avoid

Stable under normal conditions.

### 10.5. Incompatible materials

None in particular.

### 10.6. Hazardous decomposition products

None.

## 11. Toxicological information

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

Toxicological information of the product:

- a) acute toxicity:  
Not classified.  
Based on available data, the classification criteria are not met.
- b) skin corrosion/irritation:  
Not classified.  
Based on available data, the classification criteria are not met.
- c) serious eye damage/irritation:  
Not classified.  
Based on available data, the classification criteria are not met.
- d) respiratory or skin sensitisation:  
Classified as Skin Sensitizer 1A (H317) based on component OIT present above the SCL ( $\geq 0.0015\%$ ).
- e) germ cell mutagenicity:  
Not classified.  
Based on available data, the classification criteria are not met.
- f) carcinogenicity:  
Not classified.  
Based on available data, the classification criteria are not met.
- g) reproductive toxicity:  
Not classified.  
Based on available data, the classification criteria are not met.
- h) STOT-single exposure:  
Not classified.  
Based on available data, the classification criteria are not met.
- i) STOT-repeated exposure:  
Not classified.  
Based on available data, the classification criteria are not met.
- j) aspiration hazard:  
Not classified.  
Based on available data, the classification criteria are not met.



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Toxicological information of the main substances found in the product:  
N.A.

### **11.2 Information on other hazards**

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration  $\geq 0.1\%$

## **12. Ecological information**

### **12.1. Toxicity**

Adopt good working practices, so that the product is not released into the environment.  
Based on available data, the classification criteria are not met

### **12.2. Persistence and degradability**

None  
N.A.

### **12.3. Bioaccumulative potential**

N.A.

### **12.4. Mobility in soil**

N.A.

### **12.5. Results of PBT and vPvB assessment**

vPvB Substances: None - PBT Substances: None

### **12.6 Endocrine disrupting properties**

no endocrine disruptors present at concentration  $\geq 0.1\%$

### **12.7. Other adverse effects**

None

## **13. Disposal considerations**

### **13.1. Waste treatment methods**

Recover if possible. Dispose of waste in accordance with local, state, provincial, and federal regulations.

U.S.: Follow the Resource Conservation and Recovery Act (RCRA, 40 CFR Part 261) and applicable state regulations.  
Canada: Dispose of according to the Canadian Environmental Protection Act (CEPA) and relevant provincial regulations.

Do not discharge into waterways, soil, or municipal sewage systems. Consult local authorities for proper disposal guidelines.

Disposal must comply with all applicable federal, state, and local regulations in the U.S. and provincial regulations in Canada. The user is responsible for determining specific disposal requirements for their location.

## **14. Transport information**

### **14.1. UN number or ID number**

Not classified as dangerous in the meaning of transport regulations.

### **14.2. UN proper shipping name**

N.A.

### **14.3. Transport hazard class(es)**

N.A.

### **14.4. Packing group**

N.A.

### **14.5. Environmental hazards**

Environmental pollutant under the Hazardous Products Regulations (HPR):	No
IMDG - Marine pollutant:	No

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### 14.6. Special precautions for user

N.A.

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

N.A.

## 15. Regulatory information

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

Canadian Regulations:

Compliant with WHMIS 2015.  
Not listed under CEPA's toxic substances.

International Regulations:

REACH (EU Regulation 1907/2006): Compliant

USA - Federal regulations

TSCA - Toxic Substances Control Act

This substance is not listed on the TSCA inventory.

TSCA listed substances: None.

SARA - Superfund Amendments and Reauthorization Act

Section 302 – Extremely Hazardous Substances: No.

Section 304 – Hazardous substances: No.

Section 313 – Toxic chemical list: No.

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act: No substances listed.

CAA - Clean Air Act

CAA listed substances: None.

CWA - Clean Water Act

CWA listed substances: None.

USA - State specific regulations

California Proposition 65: None

Substance(s) listed under California Proposition 65: None.

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know: No.

New Jersey Right to know

Substance(s) listed under New Jersey Right to know: No.

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know: No.

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

No restriction.

Restrictions related to the substances contained:

No restriction.

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III).

Regulation (EC) nr 648/2004 (detergents).

Dir. 2004/42/EC (VOC directive).

Provisions related to directives EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

None.

### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.



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### 16. Other information

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities  
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

#### This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
HMIS:	Hazardous Materials Identification System
IARC:	International Agency for Research on Cancer
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
NFPA:	National Fire Protection Association
NIOSH:	National Institute for Occupational Safety and Health
NTP:	National Toxicology Program
OSHA:	Occupational Safety and Health Administration
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average