



# SAFETY DATA SHEET (EC 1907/2006)

## CELTRA Universal Stain, Universal Overglaze

Version:	1.3 / GB	Material no.	0D601590
Revision date:	30.11.2016	Specification	183614
Issue date:	12.03.2014	VA-Nr	01755569
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### 4.1. Description of first aid measures

Take off all contaminated clothing immediately.

#### Inhalation

Provide fresh air, seek medical advice if necessary.

#### Skin contact

Wash off with plenty of water and soap, seek medical advice if necessary.

#### Eye contact

Rinse thoroughly with plenty of water keeping eyelid open.

Seek medical advice.

#### Ingestion

Clean mouth with water and drink afterwards plenty of water.

Do not induce vomiting

Call a physician immediately.

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

#### Symptoms

None known

#### Hazards

None known

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

Symptomatic treatment.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media: All extinguishing substances suitable.

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

Do not inhale decomposition gases or noxious gases.

### 5.3. Advice for firefighters

The product itself does not burn.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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## SECTION 6: Accidental release measures

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

Wear personal protective equipment.

Handle in accordance with good industrial hygiene and safety practice.

### 6.2. Environmental precautions

Introduction into soil, natural water bodies or sewerage must be prevented.

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

Use mechanical handling equipment.

Dispose of contaminated material as a waste in a correct manner.

### 6.4. Reference to other sections

Wear personal protective equipment; see section 8.

Disposal considerations; see section 13.

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with skin and eyes.

Handle in accordance with good industrial hygiene and safety practice.

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

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**Advice on protection against fire and explosion**

Normal measures for preventive fire protection.

**Storage**

Keep container tightly closed and dry.

**German storage class**

13 - Non Combustible Solids

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

We are unaware of any specific end uses which go beyond the data reported in Section 1.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****8.2. Exposure controls****Engineering measures**

In case product dust is released:, Ensure that there is suitable air extraction / ventilation in the workplace or at the working machines. If necessary extractor suction on specific objects.

**Personal protective equipment****Respiratory protection**

In case product dust is released:, Dust mask with P2 particle filter

**Hand protection**

Wear protective gloves made of the following materials: rubber or plastics., Suitability for specific workplaces should be clarified with protective glove manufacturers.

**Eye/face protection**

Safety glasses with side-shields

**Hygiene measures**

Avoid contact with skin, eyes, and clothing., Preventive skin protection is recommended., Do not eat, drink, smoke, or sniff while at work. Wash your hands and/or face before breaks and before termination of work., Immediately change moistened and saturated work clothes.

**Protective measures**

Handle in accordance with good industrial hygiene and safety practice., If there is the possibility of skin/eye contact, the indicated hand/eye/body protection should be used.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Appearance**

Form	paste
Colour	depending on staining result

Odour	odourless
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Melting point/range	not applicable
Preparation	

Boiling point/range	not applicable
Preparation	

Flash point	> 115 °C
	Components with the lowest value
	Information taken from reference works and the literature.

Flammability (solid, gas)	This product has not been classified as flammable.
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Lower explosion limit	not applicable
Upper explosion limit	not applicable
Vapour pressure	not applicable
Density	2.4 - 2.8 g/cm <sup>3</sup>
Water solubility	practically insoluble
Autoinflammability	Not capable of spontaneous combustion or heating.

**9.2. Other information**

Other information No further physicochemical data were determined.

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

no data available

**10.2. Chemical stability**

Under normal conditions: stable.

**10.3. Possibility of hazardous reactions**

Possibility of hazardous reactions No dangerous reaction known under conditions of normal use.

**10.4. Conditions to avoid**

None known.

**10.5. Incompatible materials**

Strong oxidizing agents, Strong reducing agents

**10.6. Hazardous decomposition products**

decomposition products with heating above decomposition temperature, carbon monoxide, carbon dioxide

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

*No results of animal experiments with the product available.*

Acute oral toxicity LD50 Rat: 18610 mg/kg  
Test substance: butane-1,3-diol

Acute inhalation toxicity no data available

Acute dermal toxicity LD50 Rabbit: > 20000 mg/kg  
Test substance: butane-1,3-diol

Skin irritation Rabbit  
slight irritation  
Test substance: butane-1,3-diol

Eye irritation Rabbit  
slight irritation  
Test substance: butane-1,3-diol

Sensitization no data available

Repeated dose toxicity no data available

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Mutagenicity assessment	no data available
Carcinogenicity	No data available
Toxicity to reproduction	No data available
Human experience	Health injuries are not known or expected under normal use.
Further information	No hazardous reactions are known if properly handled and stored., Risk of infection of the lung after prolonged inhalation of dust particles.

**SECTION 12: Ecological information****12.1. Toxicity**

*No ecotoxicological data is available for this product.*

**12.2. Persistence and degradability**

Biodegradability no data available

**12.3. Bioaccumulative potential**

Bioaccumulation no data available

**12.4. Mobility in soil**

Mobility No data available

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

A PBT/vPvB evaluation is not available, since a chemical safety evaluation is not required / has not been carried out.

**12.6. Other adverse effects**

Further Information Do not allow entrance in sewage water and soil.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Product**

Disposal according to local authority regulations.

**Uncleaned packaging**

Disposal according to local authority regulations.

**SECTION 14: Transport information**

**Not dangerous according to transport regulations.**

14.1. UN number:	--
14.2. UN proper shipping name:	--
14.3. Transport hazard class(es):	--
14.4. Packing group:	--

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- 14.5. Environmental hazards: --  
14.6. Special precautions for user: No

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National legislation****15.2. Chemical safety assessment**

Chemical safety assessment No Chemical Safety Report as per Articles 2(8), 2(9) or 14 of the REACH Regulation is required for this product.

**SECTION 16: Other information****Classification and applied procedure to derive the classification of mixtures according to EU Regulation (EC) No. 1272/2008 (CLP)****Further information**

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

**Legend**

<b>ADR</b>	European Agreement concerning the International Carriage of Dangerous Goods by Road
<b>ADN</b>	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
<b>ASTM</b>	American Society for Testing and Materials
<b>ATP</b>	Adaptation to Technical Progress
<b>BCF</b>	Bioconcentration factor
<b>BetrSichV</b>	German Ordinance on Industrial Safety and Health
<b>c.c.</b>	closed cup
<b>CAS</b>	Chemical Abstract Services
<b>CESIO</b>	European Committee of Organic Surfactants and their Intermediates
<b>ChemG</b>	German Chemicals Act
<b>CMR</b>	carcinogenic-mutagenic-toxic for reproduction
<b>DIN</b>	German Institute for Standardization
<b>DMEL</b>	Derived minimum effect level
<b>DNEL</b>	Derived no effect level
<b>EINECS</b>	European Inventory of Existing Commercial Chemical Substances
<b>EC50</b>	half maximal effective concentration
<b>GefStoffV</b>	German Ordinance on Hazardous Substances
<b>GGVSEB</b>	German ordinance for road, rail and inland waterway transportation of dangerous goods
<b>GGVSee</b>	German ordinance for sea transportation of dangerous goods
<b>GLP</b>	Good Laboratory Practice
<b>GMO</b>	Genetic Modified Organism
<b>IATA</b>	International Air Transport Association
<b>ICAO</b>	International Civil Aviation Organization

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<b>IMDG</b>	International Maritime Dangerous Goods
<b>ISO</b>	International Organization For Standardization
<b>LOAEL</b>	Lowest observed adverse effect level
<b>LOEL</b>	Lowest observed effect level
<b>NOAEL</b>	No observed adverse effect level
<b>NOEC</b>	no observed effect concentration
<b>NOEL</b>	no observed effect level
<b>o. c.</b>	open cup
<b>OECD</b>	Organisation for Economic Cooperation and Development
<b>OEL</b>	Occupational Exposure Limit
<b>PBT</b>	Persistent, bioaccumulative, toxic
<b>PEC</b>	Predicted effect concentration
<b>PNEC</b>	Predicted no effect concentration
<b>REACH</b>	REACH registration
<b>RID</b>	Convention concerning International Carriage by Rail
<b>STOT</b>	Specific Target Organ Toxicity
<b>SVHC</b>	Substances of Very High Concern
<b>TA</b>	Technical Instructions
<b>TPR</b>	Third Party Representative (Art. 4)
<b>TRGS</b>	Technical Rules for Hazardous Substances
<b>VCi</b>	German chemical industry association
<b>vPvB</b>	very persistent, very bioaccumulative
<b>VOC</b>	volatile organic compounds
<b>VwVwS</b>	German Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes
<b>WGK</b>	Water Hazard Class
<b>WHO</b>	World Health Organization