

SAFETY DATA SHEET (EC 1907/2006)**CELTRA PRESS investment Liquid**

Version:	1.5 / GB	Material no.	5365400113
Revision date:	05.10.2017	Specification	183895
Issue date:	17.04.2014	VA-Nr	01776311
replaces version:	1.4		
Page:	1 / 7		

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name CELTRA PRESS investment Liquid
REACH Registration No.: if available listed in Chapter. 3

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

Relevant applications identified For dental use only.

1.3. Details of the supplier of the safety data sheet

Company DeguDent GmbH
Postfach 1364
D-63403 Hanau

Telephone +49 (0)6181/59-5767
Telefax +49 (0)6181/59-5879
Email address SDB.Degudent-DE@dentsplysirona.com

1.4. Emergency telephone number

Emergency information +49 (0)6181/59-50 (This telephone number is available during office hours only.)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not a hazardous mixture according to Regulation (EC) No 1272/2008.

2.2. Label elements**Labelling as per (EU) 1272/2008**

Statutory basis Labelling not required according to EU-CLP Ordinance (1272/2008).

2.3. Other hazards

No hazardous reactions are known if properly handled and stored.
A PBT/vPvB evaluation is not available, since a chemical safety evaluation is not required / has not been carried out.

SECTION 3: Composition/information on ingredients**Chemical nature**

Watery solution of alkali stabilised colloidal silicic acid

3.1. Substances

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3.2. Mixtures**SECTION 4: First aid measures****4.1. Description of first aid measures**

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replaces version:	1.4		
Page:	2 / 7		



Skin contact

Wash off with plenty of water.

Eye contact

Rinse thoroughly with plenty of water keeping eyelid open.
Consult an ophthalmologist.

Ingestion

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.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Water spray
Foam
quenching powder
Carbon dioxide (CO₂)

Unsuitable extinguishing media: High volume water jet

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

5.3. Advice for firefighters

Extinction measures are to be adjusted to the specific location.
Employ protective equipment commonly used in the event of fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable gloves.

6.2. Environmental precautions

When substantial quantities of the product are on hand, do not drain into in water courses, groundwater and sewage system .

6.3. Methods and material for containment and cleaning up

Pick up mechanically with a suitable material and collect in a suitable container.
With small amounts: Rinse away any residue with plenty of water.

6.4. Reference to other sections

Wear personal protective equipment; see section 8.
Disposal considerations; see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Wear suitable protective clothing and gloves.

7.2. Conditions for safe storage, including any incompatibilities

Advice on protection against fire and explosion

No special measures are required.

Storage

Store in the original receptacle, keeping this tightly sealed, under cool and dry conditions.

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replaces version:	1.4		
Page:	3 / 7		

**German storage class**

12 - Non Combustible Liquids

Storage stability

Protect from frost.

Keep at temperatures of between 5 °C and 30 °C.

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**

Remarks	None known
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8.2. Exposure controls**Engineering measures**

Ensure suitable suction/aeration at the work place and with operational machinery.

Personal protective equipment**Hand protection**

Protective gloves, Suitability for specific workplaces should be clarified with protective glove manufacturers.

Eye/face protection

Safety glasses with side-shields

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice., Do not eat, drink, smoke, or sniff while at work. Wash your hands and/or face before breaks and before termination of work.

Protective measures

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	liquid
Colour	milky-white

Odour	odourless
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Odour threshold:	not applicable
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pH	8 - 10
Freezing point	ca. 0 °C

Boiling point/range	ca. 100 °C (1013 mbar)
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Flash point	not applicable
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Evaporation rate	not determined
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Flammability (solid, gas)	Not combustible.
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Lower explosion limit	not applicable
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Upper explosion limit	not applicable
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replaces version:	1.4		
Page:	4 / 7		



Vapour pressure	Data derived from product of similar composition: ca. 20 hPa (20 °C)
Density	Data derived from product of similar composition: 1.1 - 1.4 g/cm ³ (20 °C)
Miscibility in water	completely miscible
Autoinflammability	Not capable of spontaneous combustion or heating.
Thermal decomposition	not determined
Viscosity, dynamic	Data derived from product of similar composition: < 20 mPa.s (20 °C)
Explosiveness	not explosive

9.2. Other information

Ignition temperature	not applicable
Other information	No further physicochemical data were determined.

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

no data available

10.2. Chemical stability

The product is chemically stable.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No dangerous reactions known.

10.4. Conditions to avoid

Protect from frost.

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

None known

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

Acute oral toxicity	LD50 Rat: > 15000 mg/kg
Acute inhalation toxicity	no data available
Acute dermal toxicity	no data available
Skin irritation	Rabbit not irritating

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replaces version:	1.4		
Page:	5 / 7		



Eye irritation	Rabbit not irritating
Sensitization	no data available
Repeated dose toxicity	no data available
Mutagenicity assessment	no data available
Carcinogenicity	No data available
Toxicity to reproduction	No data available
Human experience	Toxic effects from handling this product are unknown as yet.
Further information	No hazardous reactions are known if properly handled and stored.

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

No ecotoxicological data is available for this product.

Toxicity to fish	LC0 (Brachydanio rerio): 5000 mg/l
Toxicity to bacteria	EC50 Activated sludge: > 10000 mg/l

12.2. Persistence and degradability

Biodegradability no data available

12.3. Bioaccumulative potential

Bioaccumulation no data available

12.4. Mobility in soil

Mobility No further information 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 Introduction into soil, natural water bodies or sewerage must be prevented.

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

Disposal according to local authority regulations.

Uncleaned packaging

Disposal according to local authority regulations.

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Page:	6 / 7		

**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:	--
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

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ASTM	American Society for Testing and Materials
ATP	Adaptation to Technical Progress
BCF	Bioconcentration factor
BetrSichV	German Ordinance on Industrial Safety and Health
c.c.	closed cup
CAS	Chemical Abstract Services
CESIO	European Committee of Organic Surfactants and their Intermediates
ChemG	German Chemicals Act
CMR	carcinogenic-mutagenic-toxic for reproduction
DIN	German Institute for Standardization
DMEL	Derived minimum effect level
DNEL	Derived no effect level
EINECS	European Inventory of Existing Commercial Chemical Substances
EC50	half maximal effective concentration

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replaces version:	1.4		
Page:	7 / 7		



GefStoffV	German Ordinance on Hazardous Substances
GGVSEB	German ordinance for road, rail and inland waterway transportation of dangerous goods
GGVSee	German ordinance for sea transportation of dangerous goods
GLP	Good Laboratory Practice
GMO	Genetic Modified Organism
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
ISO	International Organization For Standardization
LOAEL	Lowest observed adverse effect level
LOEL	Lowest observed effect level
NOAEL	No observed adverse effect level
NOEC	no observed effect concentration
NOEL	no observed effect level
o. c.	open cup
OECD	Organisation for Economic Cooperation and Development
OEL	Occupational Exposure Limit
PBT	Persistent, bioaccumulative, toxic
PEC	Predicted effect concentration
PNEC	Predicted no effect concentration
REACH	REACH registration
RID	Convention concerning International Carriage by Rail
STOT	Specific Target Organ Toxicity
SVHC	Substances of Very High Concern
TA	Technical Instructions
TPR	Third Party Representative (Art. 4)
TRGS	Technical Rules for Hazardous Substances
VCi	German chemical industry association
vPvB	very persistent, very bioaccumulative
VOC	volatile organic compounds
VwVwS	German Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes
WGK	Water Hazard Class
WHO	World Health Organization