

SAFETY DATA SHEET (EC 1907/2006)**DeguDent**

A Dentsply International Company

**Spezial-Flüssigkeit
Cergo fit SPEED Liquid
Universal Liquid**

Material no.		Version	1.6 / GB
Specification	128661	Revision date	19.09.2007
VA-Nr		Print Date	25.01.2008
		Page	1 / 5

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**Product information**

Trade name	:	Spezial-Flüssigkeit Cergo fit SPEED Liquid Universal Liquid
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
Emergency telephone number	:	+49 (0)180 / 23 24-555
Use of the Substance / Preparation	:	For dental use only.

2. HAZARDS IDENTIFICATION**Additional safety information for humans and the environment**

No dangerous reactions are known to occur with correct handling and storage.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Chemical nature**

Watery solution of alkali stabilised colloidal silicic acid

4. FIRST AID MEASURES**Skin contact**

Wash off with plenty of water.

Eye contactRinse thoroughly with plenty of water keeping eyelid open.
Consult an ophthalmologist.**Ingestion**

Consult a physician immediately.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**water spray, foam, quenching powder, carbon dioxide (CO₂)

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		Page	2 / 5

Extinguishing media which must not be used for safety reasons

high volume water jet

Specific hazards during fire fighting

The product itself does not burn.

Special protective equipment for fire-fighters

Employ protective equipment commonly used in the event of fire.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

Wear suitable gloves.

Environmental precautions

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

Methods for 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.

7. HANDLING AND STORAGE**Handling****Safe handling advice**

Wear suitable protective clothing and gloves.

Advice on protection against fire and explosion

No special precautions required.

Storage**Requirements for storage areas and containers**

Keep tightly sealed in original packing.

Storage stability

Protect from frost.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Components with workplace control parameters**

Remarks None known

Personal protective equipment**Hand protection**

protective gloves

Eye protection

Safety glasses with side-shields

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		Page	3 / 5

Hygiene measures

Handle in accordance with good industrial hygiene and safety practices.
No eating, drinking, smoking, or snuffing tobacco at work. Wash face and/or hands before break and end of work.

Protective measures

If there is the possibility of skin/eye contact, the indicated hand/eye/body protection should be used.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form	liquid
Colour	milky-white
Odour	odourless

Safety data

pH	9 - 10	
	Medium:	Product
Freezing point	ca. 0 °C	
Boiling point/range	ca. 100 °C	(1013 mbar)
Vapour pressure	ca. 20 hPa	(20 °C)
Density	1.1 - 1.4 g/cm ³	(20 °C)
Viscosity, dynamic	< 20 mPa.s	(20 °C)

Further information

Miscibility in water	completely miscible
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10. STABILITY AND REACTIVITY

Conditions to avoid	Protect from frost.
Materials to avoid	None known
Hazardous decomposition products	None known
Further information	Keep at temperatures of between 5 °C and 30 °C.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	LD50 Rat: > 15000 mg/kg
Skin irritation	Rabbit not irritating
Eye irritation	Rabbit

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		Page	4 / 5

not irritating

Human experience

To date handling this product has not been known to cause any detrimental effects.

12. ECOLOGICAL INFORMATION**Elimination information (persistence and degradability)****Behaviour in environmental compartments****Ecotoxicity effects**

Toxicity to fish LC0 (Brachydanio rerio): 5000 mg/l

Toxicity to bacteria EC50 Activated sludge: > 10000 mg/l

13. DISPOSAL CONSIDERATIONS**Product**

Disposal according to local authority regulations.

Uncleaned packaging

Disposal according to local authority regulations.

14. TRANSPORT INFORMATION**Transport/further information**

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION**Labelling according to EC Directives**Other data According to the Dangerous Preparations Directive (1999/45/EG):
no labelling**National legislation**

16. OTHER INFORMATION**Further information**

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

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		Page	5 / 5

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