

## Cedex Calibration Beads

Article Number 7 60 00 00 16

### 1. Identification of the substance/preparation and of the company/undertaking

#### Identification of the substance or preparation

Commercial Product name: Cedex Detergent

#### Company/undertaking identification

Manufacturer / distributor: innovatis AG  
Street/POB-No.: Meisenstraße 96  
State/city/postal code: D-33607 Bielefeld  
World Wide Web: <http://www.innovatis.com>  
Telephone: 0049 [0] 521 2997-300  
Fax: 0049 [0] 521 2997-285  
Email: [info@innovatis.com](mailto:info@innovatis.com)  
Emergency information: not required

### 2. Composition/information on ingredients

Constituents:	CAS#	EINECS #.	Chemical name (acc. to EC)	R-phrase(s)	Symbol(s)	Content
	9012-36-6	232-731-8	Agarose	--	--	<=5%
	64-17-5	200-578-6	Ethylalcohol	11	F	20%
	7732-18-5	231-791-2	Water	--	--	80%

### 3. Hazard identification

Hazard Symbol(s): Not applicable  
Critical hazard to man and environment: R-

### 4. First aid measures

After inhalation: Provide fresh air.  
After skin contact: Remove residues with water.  
After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult physician if problems persist.  
After swallowing: After ingestion of high quantities: Seek medical attention.

### 5. Fire fighting measures

Suitable extinguishing media: Water, extinguishing powder, carbondioxide.  
Extinguisher unsuitable on safety grounds: high power water jet.  
Particular hazards arising from the preparation itself, combustion products or resulting gases: In case of fire may form: carbon monoxide and carbon dioxide.

### 6. Accidental release measures

Environmental precautions: Collect spilled material using cloth and/or paper towels. Place in suitable container for disposal.  
Additional information: Special skid risk by leaking/spilling product.

### 7. Handling and storage

#### Handling

Information for safe handling: Provide adequate ventilation.  
Precautions against fire and explosion: Keep away from sources of ignition. No smoking.

#### Storage

Requirement for storerooms and containers: S7 Keep container closed tightly.  
Storage class: -

### 8. Exposure controls / personal protection

#### Information on system design and engineering measures

See information in chapter 7, storage section

#### Components with workplace relevant concentration limits

CAS-Number	Chemical name (acc. to EC)	Type	Value
64-17-5	Ethylalcohol	TWA (= German MAK)	500 mL/m <sup>3</sup> = ppm
		TWA (= German MAK)	960 mg/m <sup>3</sup>
		OSHA/NIOSH-TWA	1000 ppm
		OSHA/NIOSH-TWA	1900 mg/m <sup>3</sup>
		ACGIH-TWA	1000 ppm
		ACGIH-TWA	1880 mg/m <sup>3</sup>

#### Personal protection equipment

Respiratory protection: Provide adequate ventilation.  
Hand protection: Not required.  
Eye protection: Safety glasses.  
General protection and hygiene measures: Not required.

### 9. Physical and chemical properties

#### Appearance

Form: Liquid (dispersed solid)  
Color: Colorless, weak cloudy  
Odor: Mildly alcoholic

#### Safety relevant data

Flash point: Not applicable  
Density: At 68°F (20°C): 0,9707-0,9709 g/mL  
Solubility in water: At 68°F (20° C): completely miscible

### 10. Stability and reactivity

#### Additional information

Condition to avoid (hazardous reactions): Protect from excessive heat.  
Materials to avoid: Avoid contact with oxidizing agents. (e.g. nitric acid).  
Hazardous decomposition products: In case of fire may form: carbon monoxide and carbon dioxide  
Polymerization: Will not occur..  
Additional information: Stable.

### 11. Toxicological information

#### Toxicological tests

Acute toxicity: Ethylalcohol (20%): LD50 rat, oral: >= 7060 mg/kg  
Additional information: Direct contact may cause skin and eyes reddening and irritation.

### 12. Ecological information

#### Details of elimination (decomposition and persistence)

Further details: Product is easily biodegradable.

#### Ecotoxicological effects

Water risk class (Germany) 1, mild water pollutant.

#### Additional ecological information

VOC reference: The product does not contain organically bound halogen.  
General remarks: Do not allow to enter ground soil, sewage or drains.

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### 13. Disposal considerations

#### Product

Recommendation: Incinerate according to applicable local, state and federal regulations.  
Waste key number (D): 55373  
Waste key number (EU): 070504

#### Contaminated packaging

Recommendation: Dispose of waste according to applicable local, state and federal regulations  
Waste key number (D): 57118 plastic container  
Waste key number (EU): 150102 plastic container

### 14. Transport information

#### Overland transport

ADR/GGVS (road): Not applicable  
RID/GGVE (railway): Not applicable

#### Transport by sea

Remarks: Not applicable

#### Air transport

Remarks: Not applicable

#### Additional information

Not a hazardous material with respect to transportation regulations.

### 15. Regulatory information

#### Classification

Code letter and hazard symbol: N/A  
R phrase(s): R- Not required  
S phrase(s): S7 keep container tightly closed.

#### National regulations

VbF classification: -  
Water risk class (Germany): 1, mild water pollutant

### 16. Other information

#### Group that issues data sheet

Contact person: See chapter 1, department responsible for information

To the best of our knowledge, the above information describes exclusively the safety requirements of the product. It does not constitute a guarantee for the properties of the product described in terms of the legal warranty regulations.