

Cedex Density Reference Standard Beads

Article Number 7 60 00 00 17

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

Identification of the substance or preparation

Commercial Product name: Cedex Density Reference Standard Beads

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 2997-287
Fax: 0049 [0] 521 2997-285
Email: 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
	9003-53-6		Polsterene-polymer particles	--	--	<=0,5% w/w
	7732-18-5		Water	--	--	>99% w/w
	26628-22-8	247-852-1	Sodium azide, added as preservative and antimicrobial agent	R21 R26 R28 R32 R50 R53	T+, N	<=0,01% w/w
	151-21-3	205-788-1	Sodium dodecyl sulfate	R21 R22 R36 R37 R38	Xn	<=0,2% w/w

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.

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7. Handling and storage

Handling

Information for safe handling: Avoid spilling and eye contact.
Precautions against fire and explosion: Not required

Storage

Requirement for storerooms and containers: S7 / S3 Keep container closed tightly, in a cool place at 40°F (4°C) when not in use.
Storage class: -

8. Exposure controls / personal protection

Information on system design and engineering measures

See information in chapter 7, storage section

Personal protection equipment

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

9. Physical and chemical properties

Appearance

Form: Suspension or sedimented material
Color: White aqueous dispersion
Odor: Odorless

Safety relevant data

Flash point: Not applicable
Density: At 68°F (20°C): 1,05 g/mL
Solubility in water: At 68°F (20° C): completely miscible

10. Stability and reactivity

Additional information

Condition to avoid (hazardous reactions): Not required.
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 under normal and anticipated storage and handling conditions.

11. Toxicological information

Toxicological tests

Acute toxicity: No information
Additional information: Direct contact may cause skin and eyes reddening and irritation.

12. Ecological information

Details of elimination (decomposition and persistence)

Further details: Polystyrene particles are not 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

Cedex Density Reference Standard Beads contains polystyrene beads (1×10^6 beads/mL).
It is used to check on the Cedex and calibrate the counting rate. Follow the directions!

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.