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MATERIAL SAFETY DATA SHEET



in accordance with Directives 91/155/EEC + 93/112/EEC and ISO 11014-1

Cedex Detergent (3% Mucosol, ready for use)

Article Number 7 60 00 00 23 (Cedex Detergent)
Article Number 7 60 50 00 00 (Cedex Reagent Kit)
Article Number 7 61 50 00 00 (HiRes Reagent Kit)
Article Number 7 60 50 10 02 (Refill Package)

Page 1 of 3

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
Emergency information: not required

2. Composition/information on ingredients

Constituents:	CAS#	EINECS #.	Chemical name (acc. to EC)	R-phrase(s)	Symbol(s)	Content
	7778-53-2		Tripotassium phosphates, tribasic	R36/38	Xi	<=1 %
	7732-18-5	231-791-2	Water Surfactant			>99 %

3. Hazard identification

Hazard Symbol(s): Not applicable
Critical hazard to man and environment: R36/38 Irritating to eyes and skin

4. First aid measures

After inhalation: N/A
After skin contact: Flush skin 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: Do not induce vomiting. Danger of foam aspiration! Seek medical attention.

5. Fire fighting measures

Suitable extinguishing media: Product is non-flammable. Extinguishing materials should be selected according to the surrounding area and material.
Extinguisher unsuitable on safety grounds: None
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: Do not allow to enter ground soil, sewage or drains
Additional information: Collect mechanically using liquid-binding material (sand, diatomaceous earth, universal binding agents). Dispose of waste in accordance with local, state, and federal regulations.

7. Handling and storage

Handling

Information for safe handling: During handling chemical products the normal precautionary measures should be followed.
Precautions against fire and explosion: Not required.

Storage

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

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8. Exposure controls / personal protection

Information on system design and engineering measures

See information in chapter 7, storage section

Personal protection equipment

Respiratory protection: Provide adequate ventilation.
Hand protection: On demand: protective gloves.
Eye protection: On demand: safety glasses.
General protection and hygiene measures: Wash hands after having worked with the material; at breaks, lunch, shift changes, etc.

9. Physical and chemical properties

Appearance

Form: Liquid
Color: light green
Odor: Odourless

Safety relevant data

pH value: At 68° F (20° C): 11.5-12.5
Boiling temperature/boiling range: >=212° F (>=100° C)
Melting point/melting range: <=32° F (<=0° C)
Density: At 68° F (20° C): 1.011-1.013 g/mL
Solubility in water: At 68° F (20° C): completely miscible

10. Stability and reactivity

Additional information

Hazardous decomposition products: In case of fire may form: carbon monoxide and carbon dioxide
Thermal decomposition: >100° C.
Additional information: Stable.

11. Toxicological information

Toxicological tests

Additional information: Following skin contact:
Prolonged/repetitive skin contact may cause skin defatting or dermatitis

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

General remarks: Do not allow to enter ground soil, sewage or drains.

13. Disposal considerations

Product

Recommendation: Dispose of waste according to applicable local, state and federal regulations..
Waste key number (D): 59402, surfactants
Waste key number (EU): 070699, refuse n.o.s. (not otherwise specified)

Contaminated packaging

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

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14. Transport information

Overland transport

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

Transport by sea

Remarks: Not regulated

Air transport

Remarks: Not regulated

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): S1/2 Keep locked up and out of the reach of children..

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 Detergent is used in the Cedex for automatically cleaning the liquid management system. Refer to the instructions in the Cedex User Manual.

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.