

Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Name	Cadmium chloride 1.0% aq
Article Number	C-001
Applications	Diagnosis of contact allergy.
Manufacturer	Chemotechnique MB Diagnostics AB Modemgatan 9 SE-235 39 Vellinge lab@chemotechnique.se
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2. HAZARD IDENTIFICATION

Health hazards

The objective of applying a hapten on the patient's skin is the diagnosis of contact allergy. Localized dermal allergic reaction may occur at test site.

Signs and symptom of exposure

Dermal irritation.

Medical conditions aggravated by exposure

Dermatitis.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classification according to (EC) No. 1272/2008 [EU-GHS/CLP]

Component	CAS-No.	Content	Classification
AQUA Purificata	7732-18-5	99.0%	-
Cadmium chloride	10108-64-2	1.0%	Carc. 1B, Germ cell mutagen. 1B, Repr. tox. 1B, Acute tox. Inhal. 2, Acute tox. Oral 3, Spec. targ. org.tox. 1 rep. exp. 1, Acute aq. tox. 1, Chron. aq. tox. 1; H301, H330, H340, H350, H360FD, H372, H410

Classification according to EU Directive 67/548/EEC and 1999/45/EC

Component	CAS-No.	Content	Classification
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AQUA Purificata	7732-18-5	99.0%	-
Cadmium chloride	10108-64-2	1.0%	T+, N; R45, R46, R60, R61, R25,R26, R48/23/25, R50/53

4. FIRST AID MEASURES

Emergency and first aid procedures

Obtain medical attention.

5. FIRE-FIGHTING MEASURES*

No data available.

6. ACCIDENTAL RELEASES MEASURES

Steps to be taken if material is released or spilled

Contain and place in a closed container.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage

Store dark at 5-8°C. Avoid extended exposure to light. Store in a well-sealed container. FOR EXTERNAL USE ONLY.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection

Not required.

Ventilation

Local exhaust.

Protective gloves

Disposal gloves.

Eye protection

Not required with normal use.

Work/Hygienic practices

Wash hands after each use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Transparent Colorless Liquid
Odour	Odourless
Boiling point*	100°C
Flash point*	>No data available.
Self ignition*	Product does not self ignite.
Danger of explosion*	Product does not present as an explosion hazard.
Density*	1.0 g/cm ³

*Data is shown for AQUA Purificata only

10. STABILITY AND REACTIVITY

Incompability

May react with strong oxidizing agents.

Stability

Stable at recommended storage conditions.

Hazardous polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION

No data available.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Waste disposal method

Comply with federal, state/provincial and local regulation.

14. TRANSPORT INFORMATION

Not dangerous goods.

15. REGULATORY INFORMATION

The classification is according to the latest editions of the EU lists, and extended by company and literature data.

16. OTHER INFORMATION

Text of H-statements and R-phrases mentioned in Section 3

Carc. 1B	Carcinogenicity (Category 1B)
Germ cell mutagen. 1B	Germ cell mutagenicity (Category 1B)
Repr. tox. 1B	Reproductive toxicity (Category 1B)
Acute tox. Inhal. 2	Acute toxicity, Inhalation (Category 2)
Acute tox. Oral 3	Acute toxicity, Oral (Category 3)
Spec. targ. org. tox. - rep. exp. 1	Specific target organ toxicity - repeated exposure (Category 1)
Acute aq. tox. 1	Acute aquatic toxicity (Category 1)
Chron. aq. tox. 1	Chronic aquatic toxicity (Category 1)
H301	Toxic if swallowed
H330	Fatal if inhaled
H340	May cause genetic defects
H350	May cause cancer

H360FD	May damage fertility. May damage the unborn child
H372	Causes damage to organs through prolonged or repeated exposure
H410	Very toxic to aquatic life with long lasting effects
T+	Very toxic
N	Dangerous to the environment
R45	May cause cancer
R46	May cause heritable genetic damage
R60	May impair fertility
R61	May cause harm to the unborn child
R25	Also toxic if swallowed
R26	Also very toxic by inhalation
R48/23/25	Also toxic: danger of serious damage to health by prolonged exposure through inhalation and if swallowed
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Pharmaceutical quality of tested hapten is confirmed by Chemotechnique Diagnostics according to validated analytical methods. Hapten passed test according to GMP standards.

Chemotechnique Diagnostics makes no representation as to the comprehensiveness or correctness of the information provided. It is intended only as a guide to a properly trained individual in the appropriate handling of the material.