

# Safety Data Sheet

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

Product Name	BENZALKONIUM CHLORIDE 0.1% aq
Article Number	B-027
Applications	Diagnosis of contact allergy.
Manufacturer	Chemotechnique MB Diagnostics AB Modemgatan 9 SE-235 39 Vellinge <a href="mailto:lab@chemotechnique.se">lab@chemotechnique.se</a>
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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	99.9%	-
BENZALKONIUM CHLORIDE	8001-54-5	0.1%	Acute tox. Derm. 4, Acute tox. Oral4, Skin corr. 1B, Acute aq. tox. 1;H314, H400, H302, H312

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

Component	CAS-No.	Content	Classification
AQUA Purificata	7732-18-5	99.9%	-
BENZALKONIUM CHLORIDE	8001-54-5	0.1%	Xn, C, N; R21/22, R34, R50

## 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 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 <sup>3</sup>

\*Data is shown for AQUA Purificata only

## 10. STABILITY AND REACTIVITY

**Incompatibility**

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**

Acute tox. Derm. 4	Acute toxicity, Dermal (Category 4)
Acute tox. Oral 4	Acute toxicity, Oral (Category 4)
Skin corr. 1B	Skin corrosion (Category 1B)
Acute aq. tox. 1	Acute aquatic toxicity (Category 1)
H314	Causes severe skin burns and eye damage
H400	Very toxic to aquatic life
H302	Harmful if swallowed
H312	Harmful in contact with skin
Xn	Harmful
C	Corrosive
N	Dangerous to the environment
R21/22	Harmful in contact with skin and if swallowed
R34	Causes burns
R50	Very toxic to aquatic organisms

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

Chemotechne 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.