Safety Data Sheet

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

Product Name	Miconazole 1.0% alc
Article Number	M-027
Applications	Diagnosis of contact allergy.
Manufacturer	Chemotechnique MB Diagnostics AB Modemgatan 9 SE-235 39 Vellinge lab@chemotechnique.se
Telephone Fax	+46 (0) 40 466 077 (Monday-Friday 8.00-16.00 GMT+1) +46 (0) 40 466 700

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
Ethanol Absolute 99.5%	64-17-5	99.0%	Flamm. liquids 2; H225
Miconazole	22916-47-8	1.0%	Acute tox. Oral 4, Resp. sensit. 1; H302, H334

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

Component	CAS-No.	Content	Classification
Ethanol Absolute 99.5%	64-17-5	99.0%	F; R11
Miconazole	22916-47-8	1.0%	Xn; R22, R42

4. FIRST AID MEASURES

Emergency and first aid procedures
Obtain medical attention.

5. FIRE-FIGHTING MEASURES*

Suitable extinguish media
Water spray, foam, dry powder or CO2 powder

Fire- and explosion risks
Very flammable. Vapors can form explosive mixtures with air. The vapors are heavier than air and can spread along the ground.

Fire extinguishing methods
Containers in the vicinity of the fire should be moved or cooled down with water. Wear self-contained respiratory protected device and fully protected suit at fire-fighting.

*Data is shown for Ethanol Absolute only

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

Relative density*	0.79 g/cm^3
Boiling point*	78.5°C
Flash point*	>12°C
Explosion limit*	3.5-15 (vol-%)
Vapour pressure*	5.9 kPa

*Data is shown for Ethanol Absolute only

10. STABILITY AND REACTIVITY

Incompability
May react with strong oxidizing agents.

Stability
Stable at recommended storage conditions.

Hazardous byproducts
Combustion may generate CO, CO2 and other oxides.

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. Oral 4	Acute toxicity, Oral (Category 4)
Flamm. liquids 2	Flammable liquids (Category 2)
Resp. sensit. 1	Respiratory sensitization (Category 1)
H225	Highly flammable liquid and vapour

H302	Harmful if swallowed
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
F	Flammable
Xn	Harmful
R11	Highly flammable
R22	Harmful if swallowed
R42	May cause sensitisation by inhalation

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.