



SAFETY DATA SHEET

E-021

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

Product Name	Econazole nitrate 1.0% alc
Article Number	E-021
Applications	Diagnosis of contact allergy.
Manufacturer	Chemotechnique Diagnostics AB Modemgatan 9 SE-235 39 Vellinge
Telephone	+46 (0) 40 466 077 (Monday-Friday 8.00-16.00)
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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
Ethanol Absolute 99.5%	64-17-5	99.0%	Flamm. liquids 2; H225
Econazole nitrate	24169-02-6	1.0%	Acute tox. Oral 4, Acute tox. Derm. 4, Acute tox. Inhal. 4; H302, H312, H332

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
Econazole nitrate	24169-02-6	1.0%	Xn; R20/21/22

For the full text of the H-statements and R-phrases mentioned in this Section, see Section 16.

4. FIRST AID MEASURES**Emergency and first aid procedures**

Obtain medical attention.

Eye contact

Rinse with water for 10-15 minutes. Hold eyelids apart. 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

General

Remove all ignition sources and take measures to ensure there is no static electricity. Contain and place in a closed container.

Environmental measures

Keep out of sewers. Small spill can be wiped up with cloth or similar materials.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage

Store dark at 5-8°C. Avoid extended exposure to sunlight. 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	Fragrance
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

Avoid exposure to heat and 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. Oral 4	Acute toxicity, Oral (Category 4)
Acute tox. Derm. 4	Acute toxicity, Dermal (Category 4)
Acute tox. Inhal. 4	Acute toxicity, Inhalation (Category 4)
Flamm. liquids 2	Flammable liquids (Category 2)
H225	Highly flammable liquid and vapour
H302	Harmful if swallowed
H312	Harmful in contact with skin
H332	Harmful if inhaled
F	Flammable
Xn	Harmful
R11	Highly flammable
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed

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



CHEMOTECHNIQUE DIAGNOSTICS

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.