SAFETY DATA SHEET
B-003

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

Product Name
BENZISOTHIAZOLINONE 0.05% pet

Article Number
B-003

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)

Fax
+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]

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petrolatum</td>
<td>8009-03-8</td>
<td>98.95%</td>
<td>-</td>
</tr>
<tr>
<td>Acetone 99.9%</td>
<td>67-64-1</td>
<td>0.5%</td>
<td>Flamm. liquids 2, Eye irrit. 2, Spec. targ. org. tox. - single exp. 3; H225, H319, H336,</td>
</tr>
<tr>
<td>Ethanol Absolute 99.5%</td>
<td>64-17-5</td>
<td>0.5%</td>
<td>Flamm. liquids 2; H225</td>
</tr>
<tr>
<td>BENZISOTHIAZOLINONE</td>
<td>2634-33-5</td>
<td>0.05%</td>
<td>Acute tox. Oral 4, Skin irrit. 2, Serious eye dam. 1, Skin sensit. 1, Acute aq. tox. 1; H302, H315, H317, H318, H400</td>
</tr>
</tbody>
</table>

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

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</tr>
</thead>
<tbody>
<tr>
<td>Petrolatum</td>
<td>8009-03-8</td>
<td>98.95%</td>
<td>F, Xn; R11, R36, R66, R67</td>
</tr>
<tr>
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<td>67-64-1</td>
<td>0.5%</td>
<td>F; R11</td>
</tr>
<tr>
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<td>64-17-5</td>
<td>0.5%</td>
<td>Xn, N; R22, R38, R41, R43, R50</td>
</tr>
<tr>
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<td>0.05%</td>
<td></td>
</tr>
</tbody>
</table>

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.

5. **FIRE-FIGHTING MEASURES***

   Suitable extinguish media
   CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

   For safety reasons unsuitable extinguishing agents
   Water with full jet.

   Special protective equipment for fire-fighters
   Wear self-contained respiratory protective device. Wear fully protective suit.

   *Data is shown for petrolatum 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 sunlight. 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**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Pale Brown Semi-solid</td>
</tr>
<tr>
<td>Odour</td>
<td>Odourless</td>
</tr>
<tr>
<td>Melting point*</td>
<td>50-55°C</td>
</tr>
<tr>
<td>Boiling point*</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point*</td>
<td>&gt;100°C</td>
</tr>
<tr>
<td>Self ignition*</td>
<td>Product does not self ignite.</td>
</tr>
<tr>
<td>Danger of explosion*</td>
<td>Product does not present an explosion hazard.</td>
</tr>
<tr>
<td>Density*</td>
<td>No data available.</td>
</tr>
</tbody>
</table>
Solubility in/Miscibility with Water* Insoluble

*Data is shown for petrolatum 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)
Skin irrit. 2  Skin irritation (Category 2)
Serious eye dam. 1  Serious eye damage (Category 1)
Skin sensist. 1  Skin sensitization (Category 1)
Acute aq. tox. 1  Acute aquatic toxicity (Category 1)
Flamm. liquids 2  Flammable liquids (Category 2)
Eye irrit. 2,  Eye irritation (Category 2)
Spec. targ. org. tox. - single exp. 3  Specific target organ toxicity - single exposure (Category 3)
H225  Highly flammable liquid and vapour
H319  Causes serious eye irritation
H336  May cause drowsiness or dizziness
H302 Harmful if swallowed
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H400 Very toxic to aquatic life
F Flammable
Xn Harmful
N Dangerous to the environment
R22 Harmful if swallowed
R38 Irritating to skin
R41 Risk of serious damage to eyes
R43 May cause sensitization by skin contact
R50 Very toxic to aquatic organisms
R11 Highly flammable
R36 Irritating to eyes
R66 Repeated exposure may cause skin dryness or cracking
R67 Vapours may cause drowsiness and dizziness

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.