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

Product Name: N, N-DIETHYLTOLUENE-2,5-DIAMINE HCL 1.0% pet
Article Number: D-011
Applications: Diagnosis of contact allergy.
Manufacturer: Chemotechnique MB Diagnostics AB
Modemgatan 9
SE-235 39 Vellinge
lab@chemotechnique.se
Telephone: +46 (0) 40 466 077 (Monday-Friday 8.00-16.00 GMT+1)
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>
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<tr>
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<td>99.0%</td>
<td>-</td>
</tr>
<tr>
<td>N, N-DIETHYLTOLUENE-2,5-DIAMINE HCL</td>
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<td>1.0%</td>
<td>Acute tox. Oral 3, Eye irrit. 2, Skin sensit. 1, Acute aq. tox. 1, Chron. aq. tox. 1; H301, H317, H319, H410</td>
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Classification according to EU Directive 67/548/EEC and 1999/45/EC

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<td>T, N; R25, R35, R43, R50/53</td>
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</tbody>
</table>
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 light. 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  Ivory White Semi-solid
   Odour       Odourless

   Melting point*  50-55°C
   Boiling point*  No data available
10. STABILITY AND REACTIVITY

Incompatibility
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 3 Acute toxicity, Oral (Category 3)
Eye irrit. 2 Eye irritation (Category 2)
Skin sensit. 1 Skin sensitization (Category 1)
Acute aq. tox. 1  
Acute aquatic toxicity (Category 1)

Chon. aq. tox. 1  
Chronic aquatic toxicity (Category 1)

H301  
Toxic if swallowed.

H317  
May cause an allergic skin reaction.

H319  
Causes serious eye irritation.

H410  
Very toxic to aquatic life with long lasting effects.

T  
Toxic

N  
Dangerous for the environment

R25  
Toxic if swallowed.

R36  
Irritating to eyes.

R43  
May cause sensitization by skin contact.

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.