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

Product Name  Black rubber mix 0.6% pet
Article Number  Mx-04
Applications  Diagnosis of contact allergy.
Manufacturer  Chemotechnique Diagnostics AB
Address  Moderngatan 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

<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>99.4%</td>
<td>-</td>
</tr>
<tr>
<td>N-Cyclohexyl-N-phenyl-4-phenylenediamine</td>
<td>101-87-1</td>
<td>0.25%</td>
<td>Skin sens. 1, Chron. aq. tox. 2; H317, H411</td>
</tr>
<tr>
<td>N,N’-Diphenyl-4-phenylenediamine (DPPD)</td>
<td>74-31-7</td>
<td>0.25%</td>
<td>Skin sens. 1, Chron. aq. tox. 3; H317, H412</td>
</tr>
<tr>
<td>N-Isopropyl-N-phenyl-4-phenylenediamine (IPPD)</td>
<td>101-72-4</td>
<td>0.1%</td>
<td>Acute tox., Oral 4, Skin sens. 1, Acute aq. Tox. 1, Chron. aq. tox. 1; H302, H317, H410</td>
</tr>
</tbody>
</table>

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<tr>
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<td>8009-03-8</td>
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<tr>
<td>N-Cyclohexyl-N-phenyl-4-phenylenediamine</td>
<td>101-87-1</td>
<td>0.25%</td>
<td>Xi; R43, R51/53</td>
</tr>
<tr>
<td>N,N’-Diphenyl-4-phenylenediamine (DPPD)</td>
<td>74-31-7</td>
<td>1.0%</td>
<td>Xi; R43, R52/53</td>
</tr>
<tr>
<td>N-Isopropyl-N-phenyl-4-phenylenediamine (IPPD)</td>
<td>101-72-4</td>
<td>0.1%</td>
<td>Xn,N: R22, R43, R50/53</td>
</tr>
</tbody>
</table>
phenylenediamine

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>Grey Semi-solid</td>
</tr>
<tr>
<td>Odour</td>
<td>Odourless</td>
</tr>
<tr>
<td>Melting point*</td>
<td>50-55°C</td>
</tr>
</tbody>
</table>
Boiling point* No data available
Flash point* >100°C
Self ignition* Product does not self ignite.
Danger of explosion* Product does not present an explosion hazard.
Density* No data available.
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, CO\textsubscript{2} 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 sensit. 1 Skin sensitization (Category 1)
Acute aq. Tox. 1 Acute aquatic toxicity (Category 1)
Chron. aq. tox. 2 Chronic aquatic toxicity (Category 2)
H302 Harmful if swallowed
H317  May cause an allergic skin reaction
H410  Very toxic to aquatic life with long lasting effects
H411  Toxic to aquatic life with long lasting effects
H412  Harmful to aquatic life with long lasting effects
Xi    Irritant
Xn    Harmful
R22   Harmful if swallowed
R43   May cause sensitisation by skin contact
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R52/53 Harmful 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.