SAFETY DATA SHEET

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

Product Name  Carba mix 3.0% pet
Article Number  Mx-06
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

<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>97.0%</td>
<td></td>
</tr>
<tr>
<td>1,3-Diphenylguanidine</td>
<td>102-06-7</td>
<td>1.0%</td>
<td>Repr. tox. 2, Acute tox. 4, Eye irrit. 2, Spec. targ. org. tox. - single exp. 3, Skin irrit. 2, Chron. aq. tox. 2; H319, H315, H302, H335, H411, H361f</td>
</tr>
<tr>
<td>Zinc diethyldithiocarbamate (ZDC)</td>
<td>14324-55-1</td>
<td>1.0%</td>
<td>Acute tox. Oral 4, Eye irrit. 2, Spec. targ. org. tox. - single exp. 3, Skin irrit. 2, Skin sens. 1, Acute aq. tox. 1, Chron. aq. tox. 1; H302, H315, H317, H319, H335, H410</td>
</tr>
<tr>
<td>ZINC DIBUTYLDITHIOCARBAMATE (ZBC)</td>
<td>136-23-2</td>
<td>1.0%</td>
<td>Chron. aq. tox. 1, Eye irrit. 2, Skin irrit. 2, Skin sens. 1, Spec. targ. org. tox. - single exp. 3; H315, H317, H319, H335, H410</td>
</tr>
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Classification according to EU Directive 67/548/EEC and 1999/45/EC

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<td>Xn, N; R22, R36/37/38, R51/53, R62</td>
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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

Appearance               Semi-solid
Odour
Melting point*               50-55°C
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, 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 aq. tox. 1               Acute aquatic toxicity (Category 1)
Acute tox. Oral 4             Acute toxicity, Oral (Category 4)
Repr. tox. 2                  Reproductive toxicity (Category 2)
Acute tox. 4                  Acute toxicity (Category 4)
Eye irrit. 2                  Eye irritation (Category 2)
Specific target organ toxicity - single exposure (Category 3)

Skin irrit. 2  
Skin irritation (Category 2)

Skin sensit. 1  
Skin sensitization (Category 1)

Chronic aq. tox. 2  
Chronic aquatic toxicity (Category 2)

H319  
Causes serious eye irritation.

H315  
Causes skin irritation.

H302  
Harmful if swallowed.

H317  
May cause an allergic skin reaction.

H335  
May cause respiratory irritation.

H410  
Very toxic to aquatic life with long lasting effects.

H411  
Toxic to aquatic life with long lasting effects.

H361f  
Suspected of damaging fertility.

Xi  
Irritant

Xn  
Dangerous for the environment

R22  
Harmful if swallowed.

R36/37/38  
Irritating to eyes, respiratory system and skin.

R43  
May cause sensitization 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.

R62  
Possible risk of impaired fertility.

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.