SAFETY DATA SHEET
Mx-05A

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

Product Name  Mercapto mix 2.0% pet
Article Number  Mx-05A
Applications  Diagnosis of contact allergy.
Manufacturer  Chemotechnique Diagnostics AB
             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

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>98.0%</td>
<td>-</td>
</tr>
<tr>
<td>N-Cyclohexyl-2-benzothiazyl sulphenamide</td>
<td>95-33-0</td>
<td>0.5%</td>
<td>Resp. sensit. 1, Acute aq. tox. 1,</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chron. aq. tox. 1; H334, H410</td>
</tr>
<tr>
<td>Dibenzothiazyl disulfide</td>
<td>120-78-5</td>
<td>0.5%</td>
<td>Skin sensit. 1, Acute aq. tox. 1,</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chron. aq. tox. 1; H317, H410, EEU031</td>
</tr>
<tr>
<td>2-Mercaptobenzothiazole (MBT)</td>
<td>149-30-4</td>
<td>0.5%</td>
<td>Skin Sens. 1, Ac. Aq. Tox. 1, Chron. Aq. Tox. 1; H317, H410</td>
</tr>
<tr>
<td>2-(4-Morpholinylmercapto)benzothiazol</td>
<td>102-77-2</td>
<td>0.5%</td>
<td>Eye Irrit. 2, Skin irrit. 2, Skin sensit. 1, Chron. aq. tox. 1; H315, H317, H319, H411</td>
</tr>
</tbody>
</table>

For the full text of the H-statements 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**

-**Appearance**
Pale Yellow/Ivory White Semi-solid

-**Odour**
Odourless

-**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

Incompatibility
May react with strong oxidizing agents.

Stability
Stable at recommended storage conditions.

Hazardous byproducts
Combustion may generate CO, CO$_2$ 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 mentioned in Section 3

Acute aq. Tox. 1  Acute aquatic toxicity (Category 1)
Chron. aq. tox. 1  Chronic aquatic toxicity (Category 1)
Eye Irrit. 2     Eye irritation (Category 2)
Resp. sensitz. 1 Respiratory sensitization (Category 1)
Skin irrit. 2    Skin irritation (Category 2)
Skin sensitz. 1  Skin sensitization (Category 1)
H315           Causes skin irritation
H317           May cause an allergic skin reaction
H319           Causes serious eye irritation
H334           May cause allergy or asthma symptoms or breathing difficulties if inhaled
H410           Very toxic to aquatic life with long lasting effects
H411           Toxic to aquatic life with long-lasting effects
EUH031         Contact with acids liberates toxic gas

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.