



## Safety Data Sheet

### 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 MB Diagnostics AB Modemgatan 9 SE-235 39 Vellinge <a href="mailto:lab@chemotechnique.se">lab@chemotechnique.se</a>
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### 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]

Component	CAS-No.	Content	Classification
Petrolatum	8009-03-8	98.0%	-
Dibenzothiazyl disulfide (MBTS)	120-78-5	0.5%	Skin sensit. 1, Acute aq. tox. 1, Chron. aq. tox. 1; H317, H410, EUH031
2-(4-Morpholinylmercapto) benzothiazol (MOR)	102-77-2	0.5%	Eye Irrit. 2, Skin irrit. 2, Skin sensit. 1, Chron. aq. tox. 1; H315, H317, H319, H411
N-Cyclohexyl-2-benzothiazolesulfenamamide	95-33-0	0.5%	Resp. sensit. 1, Acute aq. Tox. 1, Chron. aq. tox. 1; H334, H410
2-Mercaptobenzothiazole (MBT)	149-30-4	0.5%	Skin sensit. 1, Acute aq. tox. 1, Chron. aq. tox. 1; H317, H410

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

<b>Component</b>	<b>CAS-No.</b>	<b>Content</b>	<b>Classification</b>
Petrolatum	8009-03-8	98.0%	-
Dibenzothiazyl disulfide (MBTS)	120-78-5	0.5%	Xi, N; R31, R43, R50/53
2-(4-Morpholinylmercapto) benzothiazol (MOR)	102-77-2	0.5%	Xi, N; R36/38, R43, R51/53
N-Cyclohexyl-2-benzothiazolesulfenamide	95-33-0	0.5%	Xi, N; R43, R50/53
2-Mercaptobenzothiazole (MBT)	149-30-4	0.5%	Xi, N; R43, R50/53

**4. FIRST AID MEASURES****Emergency and first aid procedures**

Obtain medical attention.

**5. FIRE-FIGHTING MEASURES\*****Suitable extinguish media**

CO<sub>2</sub>, 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	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****Incompability**

May react with strong oxidizing agents.

**Stability**

Stable at recommended storage conditions.

**Hazardous byproducts**

Combustion may generate CO, CO<sub>2</sub> 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

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. sensit. 1	Respiratory sensitization (Category 1)
Skin irrit. 2	Skin irritation (Category 2)
Skin sensit. 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
EUH031	Contact with acids liberates toxic gas
N	Dangerous for the environment
Xi	Irritant
R31	Contact with acids liberates toxic gas
R36/38	Irritating to eyes and skin
R43	May cause sensitization by skin contact
R51	Toxic to aquatic organisms
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects on the 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.