



## SAFETY DATA SHEET

Z-002

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

Product Name	ZINC DIBUTYLDITHIOCARBAMATE (ZBC) 1.0% pet
Article Number	Z-002
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)
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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	99.0%	-
ZINC DIBUTYLDITHIOCARBAMATE (ZBC)	136-23-2	1.0%	Chron. aq. tox. 1, Eye irrit. 2, Skin irrit. 2, Skin sensit. 1, Spec. targ. org. tox. - single exp. 3; H315, H317, H319, H335, H410

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

Component	CAS-No.	Content	Classification
Petrolatum	8009-03-8	99.0%	-
ZINC DIBUTYLDITHIOCARBAMATE (ZBC)	136-23-2	1.0%	Xi, N; R36/37/38, R43, R50/53,

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**

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 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	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**

**Text of H-statements and R-phrases mentioned in Section 3**

Acute aq. tox. 1	Acute aquatic toxicity (Category 1)
Eye irrit. 2	Eye irritation (Category 2)
Skin irrit. 2	Skin irritation (Category 2)
Skin sensit. 1	Skin sensitization (Category 1)
Spec. targ. org. tox. - single exp. 3	Specific target organ toxicity - single exposure (Category 3)
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H410	Very toxic to aquatic life with long lasting effects.
Xi	Irritant
N	Dangerous for the environment.
R36/37/38	Irritating to eyes, respiratory system and skin.
R43	May cause sensitisation 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.