

## **Safety Data Sheet**

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

Product Name Zinc dimethyldithiocarbamate (Ziram) 1.0% pet

Article Number Z-004

Applications Diagnosis of contact allergy.

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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 99.0% 8009-03-8 137-30-4 1.0% Zinc Acute tox. Inhal. 2, Acute tox. Oral 4, dimethyldithiocarbamate Spec. targ. org. tox. – rep. exp. 2, (Ziram) Spec. targ. org. tox. - single exp. 3, Serious eye dam. 1, Skin sensit. 1, Acute aq. tox. 1, Chron. aq. tox. 1;

H373, H410

H302, H317, H318, H330, H335,

Classification according to EU Directive 67/548/EEC and 1999/45/EC Component CAS-No. Content Classification

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Petrolatum 8009-03-8 99.0% Zinc 137-30-4 1.0% T, N; R22, R26, R37, R41, R43, dimethyldithiocarbamate (Ziram) R48/22, R50/53

#### 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 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.

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## 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.

Insoluble

Density\* No data available.

Solubility in/Miscibility with

Water\*

\*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.

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#### 16. OTHER INFORMATION

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

Acute tox. Inhal. 2 Acute toxicity, Inhalation (Category 2)
Acute tox. Oral 4 Acute toxicity, Oral (Category 4)

Spec. targ. org. tox. – rep. Specific target organ toxicity - repeated exposure (Category

exp. 2 2)

Spec. targ. org. tox. - single exp. Specific target organ toxicity - single exposure (Category 3)

3

Serious eye dam. 1 Serious eye damage (Category 1)
Skin sensit. 1 Skin sensitization (Category 1)
Acute aq. tox. 1 Acute aquatic toxicity (Category 1)
Chron. aq. tox. 1 Chronic aquatic toxicity (Category 1)

H302 Harmful if swallowed

H317 May cause an allergic skin reaction

H318 Causes serious eye damage

H330 Fatal if inhaled

H335 May cause respiratory irritation

H373 May cause damage to organs through prolonged or repeated

exposure

H410 Very toxic to aquatic life with long lasting effects

T Toxic

N Dangerous for the environment

R22 Harmful if swallowed R26 Very toxic by inhalation

R37 Irritating to eyes

R41 Risk of serious damage to eyes

R43 May cause sensitisation by skin contact

R48/22 Harmful: danger of serious damage to health by prolonged

exposure if swallowed

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.

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