

# **Safety Data Sheet**

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

Product Name 4,4'-Diaminodiphenylmethane (MDA) 0.5% pet

Article Number D-001

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 8009-03-8 99.5% -

4,4'-Diaminodiphenylmeth 101-77-9 0.5% Carc. 1B, Germ cell mutagen. 2,

ane (MDA) Spec. targ. org. tox. - single exp. 1, Spec. targ. org. tox. - rep. exp. 2,

Spec. targ. org. tox. - rep. exp. 2, Skin sensit. 1, Chron. aq. tox. 2; H317, H341, H350, H370, H373,

H411

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

Petrolatum 8009-03-8 99.5% -

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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 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 Ivory White Semi-solid

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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

# 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

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<sup>\*</sup>Data is shown for petrolatum only

Carc. 1B Carcinogenicity (Category 1B)
Germ cell mutagen. 2 Germ cell mutagenicity (Category 2)
Spec. targ. org. tox. - single exp. 1 Specific target organ toxicity - single

exposure (Category 1)

Spec. targ. org. tox. - rep. exp. 2 Specific target organ toxicity - repeated

exposure (Category 2)

Skin sensit. 1

Chron. aq. tox. 2

H317

May cause an allergic skin reaction

Suspected of causing genetic defects

H350 May cause cancer

H370 Causes damage to organs

H373 May cause damage to organs through

prolonged or repeated exposure

H411 Toxic to aquatic life with long lasting effects

Toxic

Т

R43

R51/53

N Dangerous to the environment

R45 May cause cancer

R39/23/24/25 Also toxic: danger of very serious irreversible

effects through inhalation, in contact with skin

and if swallowed

R48/20/21/22 Also harmful: danger of serious damage to

health by prolonged exposure through inhalation, in contact with skin and if

swallowed

R68 Possible risk of irreversible effects

May cause sensitization by skin contact

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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