

## Safety Data Sheet

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

Product Name            ZIRCONIUM DIOXIDE 0.1% pet  
Article Number        Z-009  
Applications            Diagnosis of contact allergy.  
Manufacturer           Chemotechnique MB Diagnostics AB  
                                 Modemgatan 9  
                                 SE-235 39 Vellinge  
                                 [lab@chemotechnique.se](mailto:lab@chemotechnique.se)  
Telephone               +46 (0) 40 466 077 (Monday-Friday 8.00-16.00 GMT+1)  
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]

Component	CAS-No.	Content	Classification
Petrolatum	8009-03-8	99.9%	-
ZIRCONIUM DIOXIDE	1314-23-4	0.1%	-

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

Component	CAS-No.	Content	Classification
Petrolatum	8009-03-8	99.9%	-
ZIRCONIUM DIOXIDE	1314-23-4	0.1%	-

### 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

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\*  
Density\*  
Solubility in/Miscibility with  
Water\*

Product does not present an explosion hazard.  
No data available.  
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

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.