



## Safety Data Sheet

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

|                |  |
|----------------|--|
| Product Name   | Potassium dichromate 0.5% pet  |
| Article Number | P-014A   |
| Applications   | Diagnosis of contact allergy.  |
| Manufacturer   | Chemotechnique MB Diagnostics AB<br>Modemgatan 9<br>SE-235 39 Vellinge<br><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 | 99.5%   | -   |
| Potassium dichromate | 7778-50-9 | 0.5%    | Oxidiz. Sol. 2, Carcinog. 1B, Germ cell mut. 1B, Repr. tox. 1B, Acute tox. Inhal. 2, Acute tox. Oral 3, Spec. targ. Org. tox. – rep. exp. 1, Acute tox. Derm. 4, Skin corr. 1B, Resp. sens. 1, Skin sens. 1, Acute aq. Tox. 1, Chronic aq. Tox. 1; H272, H301, H312, H314, H317, H330, H334, H340, H350, H360, H372, 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      | 99.5%          | -  |
| Potassium dichromate | 7778-50-9      | 0.5%           | O, T+, N; R45, R46, R60, R61, R21, R25, R26, R48/23, R8, R34, R42/43, 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 orange 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

|                                     |  |
|-------------------------------------|--|
| Oxidiz. Sol. 2                      | Oxidizing solids (Category 2)  |
| Carcinog. 1B                        | Carcinogenicity (Category 1B)  |
| Germ cell mut. 1B                   | Germ cell mutagenicity (Category 1B)   |
| Repr. tox.1B                        | Reproductive toxicity (Category 1B)  |
| Acute tox. Inhal. 2                 | Acute toxicity, Inhalation (Category 2)  |
| Acute tox. Oral 3                   | Acute toxicity, Oral (Category 3)  |
| Spec. targ. Org. tox. - rep. exp. 1 | Specific target organ toxicity - repeated exposure (Category 1)                                  |
| Acute tox. Derm. 4                  | Acute toxicity, Dermal (Category 4)  |
| Skin corr.1B                        | Skin corrosion (Category 1B)   |
| Resp. sens. 1                       | Respiratory sensitization (Category 1)   |
| Skin sens. 1                        | Skin sensitization (Category 1)  |
| Acute aq. Tox. 1                    | Acute aquatic toxicity (Category 1)  |
| Chronic aq. Tox. 1                  | Chronic aquatic toxicity (Category 1)  |
| H272                                | May intensify fire; oxidizer.  |
| H301                                | Toxic if swallowed.  |
| H312                                | Harmful in contact with skin.  |
| H314                                | Causes severe skin burns and eye damage.   |
| H317                                | May cause an allergic skin reaction.   |
| H330                                | Fatal if inhaled.  |
| H334                                | May cause allergy or asthma symptoms or breathing difficulties if inhaled.                       |
| H340                                | May cause genetic defects.   |
| H350                                | May cause cancer.  |
| H360                                | May damage fertility or the unborn child.  |
| H372                                | Causes damage to organs through prolonged or repeated exposure.                                  |
| H410                                | Very toxic to aquatic life with long lasting effects.  |
| O                                   | Oxidizing  |
| T+                                  | Very toxic   |
| N                                   | Dangerous for the environment  |
| R45                                 | May cause cancer.  |
| R46                                 | May cause heritable genetic damage.  |
| R60                                 | May impair fertility.  |
| R61                                 | May cause harm to the unborn child.  |
| R21                                 | Harmful in contact with skin.  |
| R25                                 | Toxic if swallowed.  |
| R26                                 | Very toxic by inhalation.  |
| R48/23                              | Toxic: danger of serious damage to health by prolonged exposure through inhalation.              |
| R8                                  | Contact with combustible material may cause fire.  |
| R34                                 | Causes burns.  |
| R42/43                              | May cause sensitization by inhalation and 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.