



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 Modemgatan 9 SE-235 39 Vellinge lab@chemotechnique.se
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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

Component	CAS-No.	Content	Classification
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

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	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, 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

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.