

Safety Data Sheet

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

| | |
|----------------|--|
| Product Name | HYDROXYLAMINE SULFATE 0.1% aq |
| Article Number | H-012 |
| 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 |
|-----------------------|------------|---------|--|
| AQUA Purificata | 7732-18-5 | 99.9% | - |
| HYDROXYLAMINE SULFATE | 10039-54-0 | 0.1% | Corr. to metal 1, Acute tox. Oral 4, Spec. targ. org. tox. - rep. exp. 2, Eye irrit. 2, Skin irrit. 2, Skin sensit. 1, Acute aq. tox. 1, Carc. 2, Acute tox. Derm. 4; H290, H302, H312, H315, H317, H319, H351, H373, H400 |

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

| Component | CAS-No. | Content | Classification |
|-----------------|-----------|---------|----------------|
| AQUA Purificata | 7732-18-5 | 99.9% | - |

4. FIRST AID MEASURES

Emergency and first aid procedures

Obtain medical attention.

5. FIRE-FIGHTING MEASURES*

No data available.

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. Store in a well-sealed container. 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 | Transparent, Colorless Liquid |
| Odour | Odourless |

| | |
|----------------------|--|
| Boiling point* | 100°C |
| Flash point* | >No data available. |
| Self ignition* | Product does not self ignite. |
| Danger of explosion* | Product does not present as an explosion hazard. |
| Density* | 1.0 g/cm ³ |

*Data is shown for AQUA Purificata only

10. STABILITY AND REACTIVITY

Incompability

May react with strong oxidizing agents.

Stability

Stable at recommended storage conditions.

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

| | |
|-------------------------------------|---|
| Corr. to metal 1 | Corrosive to metals (Category 1) |
| Acute tox. Oral 4 | Acute toxicity, Oral (Category 4) |
| Spec. targ. org. tox. - rep. exp. 2 | Specific target organ toxicity - repeated exposure (Category 2) |
| Eye irrit. 2 | Eye irritation (Category 2) |
| Skin irrit. 2 | Skin irritation (Category 2) |
| Skin sensit. 1 | Skin sensitization (Category 1) |
| Acute aq. tox. 1 | Acute aquatic toxicity (Category 1) |
| Carc. 2 | Carcinogenicity (Category 2) |
| Acute tox. Derm. 4 | Acute toxicity, Dermal (Category 4) |
| H290 | May be corrosive to metals. |
| H302 | Harmful if swallowed. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |

| | |
|--------|---|
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H351 | Suspected of causing cancer. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |
| E | Explosive |
| Xn | Harmful |
| N | Dangerous for the environment |
| R2 | Risk of explosion by shock, friction, fire or other sources of ignition. |
| R21/22 | Harmful in contact with skin and if swallowed. |
| R36/38 | Irritating to eyes and skin. |
| R40 | Limited evidence of a carcinogenic effect. |
| R43 | May cause sensitization by skin contact. |
| R48/22 | Harmful: danger of serious damage to health by prolonged exposure if swallowed. |
| R50 | Very toxic to aquatic organisms. |

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.