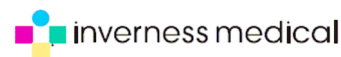


Material Safety Data Sheet



According to REACH Regulation (EC) No. 1907/2006, Annex II
Version No. 2

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Strep A R1

Date of issue: 10 February 2009

*1. Identification of the substance/preparation and of the company/undertaking

Product details

Trade name: **Strep A Reagent 1**

Application of the substance / the preparation: In vitro diagnostic reagent. For professional use only.

Manufacturer/Supplier:

Manufacturer

Inverness Medical,
10 Southgate Road,
Scarborough,
Maine 04074, USA.

Tel: +1 207-730-5750

Fax: + 1 207-730-5717

Email: TS.Binax@invmed.com

Further information obtainable from: www.invernessmedicalpd.com

Information in case of emergency:

Tel: +1 207-730-5750

*2. Hazards identification

Hazard description:

T, Toxic

Information concerning particular hazards for human and environment:

R 25 Toxic if swallowed.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

*3. Composition/information on ingredients

Chemical characterisation

Description:

In vitro diagnostic reagent. Aqueous preparation containing the hazardous components listed below.

Dangerous components:

Component	CAS No.	EINECS No.	Classification	Concentration
Sodium Nitrite	7632-00-0	231-555-9	O, T, N, R 8-25-50	10 – 20 %

Additional information:

For the wording of the listed risk phrases refer to section 16.

*4. First-aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact:

Immediately wash with soap and water and rinse thoroughly. Remove soiled clothing and clean before re-use.

After eye contact:

Immediately rinse opened eye for several minutes under running water. Consult a doctor in case of complaint.

After ingestion:

Wash out mouth with water provided person is conscious. Seek immediate medical advice.

The following symptoms may occur: Cyanosis, nausea, narcosis.

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5. Fire-fighting measures

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire-extinguishing methods suitable to surrounding conditions.

Special hazards caused by the substance, its products of combustion or resulting gases:

In case of fire, the following can be released: Nitrogen oxides (NO_x), carbon oxides (CO_x).

Protective equipment:

Wear full protective suit and self-contained respiratory protective device when extinguishing fires.

6. Accidental release measures

Person-related safety precautions:

Isolate spillage and clean up immediately.
Refer to Section 8 for protective measures when handling the spillage.

Measures for environmental protection:

Do not allow to enter sewers/surface or ground water.

Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust)
Dispose of contaminated material as waste according to Section 13.
Rinse off area with water.

7. Handling and storage

Information for safe handling:

Observe the general safety regulations when handling chemicals.
Avoid contact with the eyes, skin and mucous membranes.

Storage:

Store in the original container at 15 to 30°C.

Requirements to be met by storerooms and receptacles:

No special requirements.

8. Exposure controls/personal protection

Ingredients with limit values that require monitoring in the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.

Additional information:

The lists valid during the creation of this MSDS were used as a basis for this assessment.

General protective and hygienic measures:

Adhere to good laboratory practices (GLP).
Wash hands before breaks and at the end of work.

Personal protective equipment

Respiratory protection: Not required.

Protection of hands: Disposable gloves.

Material of gloves: Latex/natural rubber.

Penetration time of glove material: Gloves resistance is not critical when the product is handled according to the instructions for use.

Eye protection: Safety glasses recommended.

Body protection: Lab coat.

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9. Physical and chemical properties

General Information

Form: Liquid

Colour: Colourless

Odour: Odourless

Change in condition

Melting point/Melting range: Similar to water, approximately 0°C.

Boiling point/Boiling range: Similar to water, approximately 100°C.

Flash point: Not applicable.

Self-igniting: Product is not self-igniting.

Danger of explosion: Product does not present an explosion hazard.

Vapour pressure: Similar to water, approximately 23 hPa.

Density at 20°C: approximately 1.0 g/cm³

Solubility in/Miscibility with:

Water: Fully miscible.

pH-value at 20°C: Not available

10. Stability and reactivity

Stability: The product is stable in accordance with the recommended storage conditions.

Materials to be avoided: None

Hazardous reactions: No dangerous reactions known.

Hazardous decomposition products: No dangerous decomposition products known.

*11. Toxicological information

Acute toxicity:

Quantitative data on the toxic effects of this product is not available.

LD50/LC50 values relevant for classification:

Sodium Nitrite CAS No.: 7632-00-0

LD₅₀ (Oral, rat): 85 mg/kg

LDL₀ (Oral, Human): 4 – 6 g

Primary effects

After skin contact: No irritating effects anticipated. May be adsorbed through skin.

After eye contact: May cause mild irritation.

After ingestion: cyanosis, nausea, dizziness, vomiting, collapse, spasms of abdominal pain, rapid heart beat, irregular breathing, coma, and convulsions, which can ultimately lead to death due to circulatory collapse.

Sensitisation: No sensitising effects known.

12. Ecological information

Ecotoxic Effects:

Quantitative data on the toxic effects of this product are not available.

Aquatic toxicity:

Sodium Nitrite CAS No.: 7632-00-0

LC₅₀ (96 h, Fish): 0.19 mg/l

EC₅₀ (48 h, Daphnia): 66 mg/l

Mobility and bioaccumulation potential:

Does not accumulate in organisms.

13. Disposal considerations

Product:

Chemical residues and remains should be routinely handled as special waste. This must be disposed of in compliance with anti-pollution and other laws of the country concerned. To ensure compliance we recommend that you contact the relevant (local) authorities and/or an approved waste-disposal company for information.

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European waste catalogue:

18 01 06 chemicals consisting of or containing dangerous substances

Packaging:

Disposal must be made in accordance with local waste management regulations.

Contaminated packaging must be disposed of in the same manner as the product.

Non-contaminated packaging materials may be recycled. Contact your local service providers for further information.

14. Transport information

Land transport ADR/RID (cross-border):

Not regulated for transport.

Maritime transport IMDG:

Not regulated for transport.

Marine pollutant: No

Air transport ICAO-TI and IATA-DGR:

Not regulated for transport.

15. Regulatory information

Labelling according to EU guidelines**Code letter and hazard designation of product:**

T Toxic

Hazard-determining components of labelling:

Sodium Nitrite

Risk phrases:

25 Toxic if swallowed.

Safety phrases:

45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

60 This material and its container must be disposed of as hazardous waste.

Water Hazard Class (Germany): WGK 2, hazardous for water.

16. Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Relevant R-phrases:

8 Contact with combustible material may cause fire.

25 Toxic if swallowed.

50 Very toxic to aquatic organisms.

Reason for Update:

Change in contact information Section 1

General update in accordance with the REACH regulation.

* Indicates altered section.

Supersedes: Version 1

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