

# Material Safety Data Sheet

Trade name: A-LYS (Lysis Buffer)

Date of Issue: February 01, 2011

Revised at: July 26, 2011



Page 1 of 3

## 1. Identification of the Preparation and of the Company

Trade name: A-LYS (Lysis Buffer); used for lysing bacterial cells  
Product/Catalog Number: -  
Component of: **GenoLyse<sup>®</sup>**  
Identification of the company: **Hain Lifescience GmbH**  
**Hardwiesenstr. 1**  
**72147 Nehren, Germany**  
**Tel.: +49 (0) 74 73- 94 51- 0**  
Informing department: Tel.: +49 (0) 74 73- 94 51- 30  
Emergency Phone: Tel.: +49 (0) 74 73- 94 51- 0 (Mon-Fri 8:00-17:00 CET)

## 2. Composition/Information on Ingredients

Preparation contains approx. 1% (w/w) anionic surfactants, <0.2% (w/w) NaOH (CAS No. 1310-73-2, C, R34, S26-36/37/39-45), dye, and a preservative.

Additional information: Full text of R- and S-phrases: see under section 16.

## 3. Hazardous Characteristics

According to guideline 1999/45/EC the preparation is not considered to be hazardous.

## 4. First Aid Measures

Inhalation: Remove to fresh air. Call a physician.  
Ingestion: Wash out mouth with water. Call a physician.  
Skin contact: Immediately flush skin with plenty of water. Remove contaminated clothing.  
Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

## 5. Fire-Fighting Measures

Preparation is not flammable.  
Suitable extinguishing media: No restriction; use any means suitable for extinguishing surrounding fire.  
Special protective equipment for fire-fighting: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## 6. Accidental Release Measures

Wearing gloves, remove spillage with absorbent material. Flush away remainings with plenty of water.

## 7. Handling and Storage

Handling: No further requirements.  
Storage: Keep tightly closed at 2-8°C in a dry, ventilated area.  
Specific use: See instructions for use.

# Material Safety Data Sheet

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Page 2 of 3

## 8. Exposure Limitation and Personal Protective Equipment

Preparation does not contain relevant amounts of substances with workplace-connected thresholds to be monitored. Wear suitable protective clothing, gloves, and chemical safety goggles. Wash hands thoroughly after handling.

## 9. Physical and Chemical Properties

Appearance: liquid  
Color: yellow  
Odor: odorless  
No data available for other parameters.

## 10. Stability and Reactivity

Stability: Note expiry date and information in the instructions for use.  
No known incompatibilities or hazardous decomposition products.

## 11. Toxicological Information

No data available.

## 12. Ecological Information

No data available.

## 13. Disposal Considerations

Dispose of unused reagents and waste in accordance with federal, state, and local regulations.

## 14. Transport Information

No hazardous material as defined by the transport regulations (ADR/RID, IMDG/GGVSee, ICAO-TI/IATA-DGR).

## 15. Regulatory Information

Labeling: The preparation is not considered to be hazardous.  
R-phrases: none  
S-phrases: none

## 16. Other Information

The following R- and S-phrases refer to the classification of the components (pure substance, 100%) and not to the classification of the preparation:

- R34: Causes burns.
- S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.
- S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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Page 3 of 3

The above product is part of an in vitro diagnostic kit and shall be used by trained staff only. The above information is believed to be correct but does not purport to be all inclusive and should be used only as a guide. Hain Lifescience shall not be held liable for any damage or other consequences resulting from handling or from contact with the above product.

This material safety data sheet was prepared according to the guidelines 1999/45/EC and 91/155/EC.

**Changes compared to the previous version of this document**

The following sections were changed: 13. Disposal Considerations, 16. Other Information.