

Material Safety Data Sheet

Trade name: SUB-D (Substrate Buffer)

Date of Issue: 30.11.2007

Revised at:



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1. Identification of the preparation and of the company

Trade name: SUB-D (Substrate Buffer); used for diluting Substrate Concentrate during a hybridization process.

Product/Catalog Number: -

Component of: all kits of the GenoType, the ThromboType[®] and the micro-IDent[®] series as well as the reagent sets.

Identification of the company: **Hain Lifescience GmbH**
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72147 Nehren
Tel.: +49-(0)7473-94510

Informing department: Tel.: +49-(0)7473-945130

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2. Composition/Information on Ingredients

Preparation contains <1% magnesium chloride, <1% (w/w) sodium chloride, and buffer.

3. Hazardous Characteristics

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

4. First-Aid Measures

Ingestion: Wash out mouth with plenty of 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 firefighting: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosion measures: No data available.

6. Accidental Release Measures

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

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7. Handling and Storage

Handling: Refer to section 8.
Storage: Keep tightly closed at 2-8°C in a dry, ventilated area.
Specific use: See manual; close vial tightly immediately after use.

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: none
Odor: none
pH: 9.5-9.7 (room temperature)
density 1,008 g/cm³
No data available for other parameters.

10. Stability and Reactivity

Stability: Note expiry date.
Conditions to avoid: prolonged heating with open lid
No known incompatibilities or hazardous decomposition products.

11. Toxicological Information

No data available.

12. Ecological Information

No data available.

13. Disposal Considerations

Preparation: Under observation of local environmental regulations, used reagent can be disposed of in waste water.
Packaging: Completely emptied container may be recycled according to official regulations through local recycling channels.

14. Transport Information

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

15. Regulatory Information

Labeling: The preparation is not considered to be hazardous.

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16. Other Information

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 guideline 1999/45/EC and TRGS 220.