

Material Safety Data Sheet

Trade name: SUB-D (Substrate Buffer)

Date of Issue: November 30, 2007

Revised at: July 26, 2011



Page 1 of 2

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**
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 <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 fire-fighting: 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.

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 instructions for use; close vial tightly immediately after use.

Material Safety Data Sheet

Trade name: SUB-D (Substrate Buffer)

Date of Issue: November 30, 2007

Revised at: July 26, 2011



Page 2 of 2

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

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-Code, ICAO-TI/IATA-DGR).

15. Regulatory Information

Labeling: The preparation is not considered to be hazardous.

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 the guidelines 1999/45/EC and 91/155/EC.

Changes compared to the previous version of this document

The following sections were changed: 1. Identification of the Preparation and the Company, 13. Disposal Considerations, 16. Other Information.