

## Material Safety Data Sheet

### Section 1. Product and Company Identification

**Product Name:** Zymogram Developing Buffer (10X), 500 ml

**Catalog Number:** KZB050

**Manufacturer:** LABISKOMA

**Address :** 1907, IS BIZ Tower, Sunyudo Station 1cha, Yangpyeong-dong 5 ga 1-1, Yeongdeungpo-gu, Seoul 150-105, Korea

**Contact:** (Tel) 82-2-6245-5500 (Fax) 82-2-6248-8800 (E-mail) support@labiskoma.com

#### MSDS#

Chemical Name	CAS-No.	Weight %
Tris-Base	77-86-1	1.2
Tris-HCl	1185-53-1	6.3
NaCl	7647-14-5	11.68
CaCl <sub>2</sub>	10043-52-4	0.55
Brij 35	9002-92-0	0.2

### Section 2. Composition and Information on Hazardous (OSHA) Ingredients

No known toxicity for this biological material.

### Section 3. Hazards Identification

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

The product does not need to be labelled in accordance with EC directives or respective national laws.

#### Primary Routes of Entry:

Skin Absorption **(No)**; Dermal/skin contact **(No)**; Eye contact **(No)**; Inhalation **(No)**; Ingestion **(No)**; Chronic Exposure **(No)**.  
Skin or eye contact from splashes.

**Medical Conditions Aggravated by Exposure:** Not available.

**Potential Acute Health Effects:** Adverse health effects are not expected from the recommended use of this product.

**Carcinogenic Effects:** Not listed by NTP, IARC or OSHA.

**Mutagenic Effects:** Not available.

**Teratogenic Effects:** Not available.

### Section 4. First Aid Measures

**Skin:** Wash exposed skin with mild soap and water. Get medical attention if irritation develops or persists.

**Eyes:** Immediately flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical attention.

**Inhalation:** If breathing becomes difficult, move victim to fresh air. If irritation persists, get medical attention.

**Ingestion:** Do not induce vomiting. If affected person is conscious, give plenty of water to drink. Seek medical attention.

### Section 5. Fire Fighting Measures

**Flammability of the Product:** Not flammable.

**Special protective equipment for firefighters:** N/A

**Flash Points:** N/A

### Section 6. Accidental Release Measures

N/A.

### Section 7. Handling and Storage

See User's Manual for storage information.

### Section 8. Exposure Controls and Personal Protection

N/A.

For research use only; not for use in diagnostic procedures

### **Section 9. Physical and Chemical Properties**

N/A.

### **Section 10. Stability and Reactivity**

Stable under normal handling procedures.

### **Section 11. Toxicological Information**

N/A

### **Section 12. Ecological Information**

The product itself and its products of degradation are not toxic.

### **Section 13. Disposal Considerations**

Please consult local, state and federal regulation on additional guidance on disposal.

### **Section 14. Transport Information**

Road / Railway Haulage ADR/RID: Not restricted.

Sea Freight IMO (IMDG): Not restricted.

Air Freight IATA (ICAO): Not restricted.

UN Number: Not applicable.

### **Section 15. Regulatory Information**

N/A.

### **Section 16. Other Information**

Revision Date : 2022-03-16

Revision Note : Not applicable.

#### **Notice to Reader**

*The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.*

N/A - Not applicable or no information available.