# Material Safety Data Sheet

## Section 1. Product and Company Identification

**Product Name: EzWay™ Protein-Multicolor Ladder, 10 bands**
**Catalog Number: K18020**
***Manufacturer:*** **LABISKOMA Co., Ltd.** 19F, IS BIZ Tower, Yangpyeong-dong 5 ga 1-1, Yeongdeungpo-gu, Seoul 150-105, South Korea
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## Section 2. Composition and Information on Hazardous (OSHA) Ingredients

| Chemical Name | CAS-No. | Weight % |
|---|---|---|
| Glycerol | 56-81-5 | 50 |
| Bromophenol bule | 115-39-9 | 0.1 |
| Sodium docecil Sulfate (SDS) | 151-21-3 | <1 |

All components of the mixture are water solution and they are considered non-hazardous according to the GHS.

## 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.
Other hazards - none
Review approved and the most current institutional guideline, protocol, SOP(s)and MSDS(s)for the proper handling of institutional materials/equipment associated with the use of this BCI product.
***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

**After skin contact**
Wash skin with cold water for 15 min with soap and rinse thoroughly. Remove contaminated clothing. Get medical attention if irritating occurs.
**After eye contact**
Rinse opened eyes for 15 minutes under running cold water. Get medical aid immediately.
**After swallowing (ingestion)**
Rinse mouth. Drink plenty of water. Get medical aid. Do not induce vomiting.
**After inhaling**
Remove to fresh air. If breathing becomes difficult, call a physician.

## Section 5. Fire Fighting Measures

***Flammability of the Product:*** Not flammable.
***Special protective equipment for firefighters:*** N/A
***Flash Points:*** Non Flammable

## Section 6. Accidental Release Measures

**Personal Precaution Procedures To Be Followed In Case of Leak or Spill**
Evacuate area.
**Procedure(s) of Personal Precaution(s)**
Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.
**Methods for cleaning up**
Sweep up, place in a bag and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.

## Section 7. Handling and Storage

**Precautions for Safe Handling :** No special measures necessary. Good laboratory technique should be used when handling. Do not get in eyes, on skin, on clothing.
**Conditions of Storage:** Keep tightly closed. Store in a cool dry place.

## Section 8. Exposure Controls and Personal Protection

**Components with workplace control parameter**
KOSHA : N/A
US ACGIH : N/A
**Engineering Controls**
Safety shower and eye bath.
**General Hygiene Measures**
Wash contaminated clothing before reuse. Discard contaminated shoes. Wash thoroughly after handling.
**Personal Protective Equipment**
Respiratory Protection: Government approved respirator.
Hand Protection: Compatible chemical-resistant gloves.
Eye Protection: Chemical safety goggles.

## Section 9. Physical and Chemical Properties

Appearance Physical State: liquid.
Color: Blue color
Form: water solution
Property Value At Temperature or Pressure
pH 13.0 - 14.0
Flash Point N/A
Flammability N/A
Autoignition Temp N/A
Oxidizing Properties N/A
Explosive Properties N/A
Explosion Limits N/A
Partition Coefficient N/A
Viscosity N/A
Saturated Vapor Conc. N/A
Evaporation Rate N/A
Decomposition Temp. N/A
Solvent Content N/A
Water Content N/A
Surface Tension N/A
Conductivity N/A
Miscellaneous Data N/A
Solubility N/A

## Section 10. Stability and Reactivity

**Stability:** Stable
**Materials to avoid:** No information available
**Hazardous decomposition products:** No information available
**Polymerization:** Hazardous polymerization does not occur


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## Section 11. Toxicological Information

**Eyes:** Mild eye irritation.
**Skin:** Mild skin irritation.
**Inhalation:** May cause irritation of respiratory tract.
**Ingestion:** Ingestion may cause irritation to mucous membranes.
**Carcinogenic effects:** Not applicable.
**Mutagenic effects:** Not applicable.
**Reproductive toxicity:** Not applicable.
**Sensitization:** Not applicable.
**Target Organ Effects:** No information available

## Section 12. Ecological Information

No data available..

## Section 13. Disposal Considerations

**Substance Disposal**
Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state, and local environmental regulations.

## 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

This MSDS has been prepared in accordance with domestic laws and regulations.

**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.


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