Material Safety Data Sheet

Section 1. Product and Company Identification

Product Name: IEF Sample Buffer (pH 3-10)
Catalog Number: KIS010
Manufacturer: LABISKOMA
Address: 19F, IS BIZ Tower, 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.co.kr
MSDS#
Component/Item (and Parts number if listed)
Anode buffer consists of Arginine, Lysine and Glycerol

Section 2. 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 3. Composition and Information of Ingredients

The products contains no substances which at their given concentration, are considered to be hazardous to health.

Names	Other names	CAS No.	%
Arginine	2-Amino-5-guanidinopentanoic acid	74-79-3	0.7
Lysine	(2*S*)-2,6-Diaminohexanoic acid	56-87-1	0.58
Glycerol	Glycerine	56-81-5	30

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 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: Non Flammable

Section 6. Accidental Release Measures

Personal precautions Use personal protective equipment
Methods for cleaning up Soak up with inert absorbent material

Section 7. Handling and Storage

Handling No special handling advice required
Storage Keep in properly labelled containers

Section 8. Exposure Controls and Personal Protection

Occupational exposure controls
Exposure limits
Engineering measures Ensure adequate ventilation, especially in confined areas
Personal protective equipment
Respiratory protection In case of insufficient ventilation wear suitable respiratory equipment
Hand protection Protective gloves
Eye protection Safety glasses with side-shields
Skin and body protection Lightweight protective clothing
Hygiene measures Handle in accordance with good industrial hygiene and safety practice
Environmental exposure controls
Prevent product from entering drains

Section 9. Physical and Chemical Properties

General Information
Form Solid
Important Health Safety and Environmental Information
Boiling point/range °C No data available **°F** No data available
Melting point/range °C No data available **°F** No data available
Flash point °C No data available **°F** No data available
Autoignition temperature °C No data available **°F** No data available
Oxidizing properties No information available
Water solubility No data available

Section 10. Stability and Reactivity

Stability Stable.
Materials to avoid No information available
Hazardous decomposition products
No information available
Polymerization Hazardous polymerisation does not occur

Section 11. Toxicological Information

Principle Routes of Exposure/ Potential Health effects
Eyes No information available
Skin No information available
Inhalation No information available
Ingestion No information available
Specific effects
Carcinogenic effects No information available
Mutagenic effects No information available
Reproductive toxicity No information available
Sensitization No information available
Target Organ Effects No information available

Section 12. Ecological Information

Ecotoxicity effects No information available.

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LABISKOMA

Mobility No information available.
Biodegradation Inherently biodegradable.
Bioaccumulation Does not bioaccumulate.

Section 13. Disposal Considerations
Dispose of in accordance with local 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.

Section 16. Regulatory Information
This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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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