

Material Safety Data Sheet

Product name : **BIO-Placenta**

1. IDENTIFICATION OF COMPANY

1.1 Manufacturer	LABIO Co., Ltd. #308, 184, Gasan Digital 2-ro, Geumcheon-gu, SEOUL 08501 KOREA Tel : 82-2-2113-0529, Fax : 82-2-2113-0506
1.2 Supplier	Manufacturer

2. HAZARD IDENTIFICATION

This product is not classified as hazardous under 2012 OSHA Hazard Communication Standards (29 CFR 1910.1200)

2.1 Classification of the substance or mixture	Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. The substance is not classified as dangerous according to Directive 1999/45/EC.
2.2 Label elements	- Signal Word : None - Hazard Symbol(s)/Pictogram(s) : None required - Hazard Statements : None - Precautionary Statements : None - Hazards Not Otherwise Classified (HNOC) : None - Other Information : None Known

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Product name	BIO-Placenta
3.2 INCI name	Water, Lecithin, Acetyl glutamine, sh-Oligopeptide-1, sh-Oligopeptide-2, sh-Polypeptide-1, sh-Polypeptide-9, sh-Polypeptide-11, Bacillus/folic acid ferment filtrate extract, Sodium hyaluronate, Caprylyl glycol, Butylene glycol, 1,2-Hexanediol
3.3 CAS number	7732-18-5 , 8002-43-5, 2490-97-3, 62243-63-8, 7733-29-1, 106096-93-9, 127464-60-2, 106096-92-8, -, 9067-32-7, 1117-86-8, 107-88-0, 6920-22-5
3.4 EINECS No.	231-791-2, 232-307-2, 219-647-7, -, -, -, -, -, -, 214-254-7, 203-529-7, 230-029-6
3.6 Dangerous components	Void

4. FIRST AID MEASURES

4.1 Ingestion	Induce vomiting by letting victim drink plenty of water (unless unconscious)
4.2 Inhalation	Supply person with fresh air. If symptoms persist, call a doctor

4.3 Skin contact	Wipe affected part and flush with lots of water
4.4 Eye contact	Rinse thoroughly with a lot of water for some minutes. Call a doctor if necessary

5. FIRE FIGHTING PROCEDURES

5.1 Extinguishing Media Suitable	CO2, extinguishing powder or water jet, Fight larger fires with water jet or alcohol-resistant foam
5.2 Special Firefighting Procedures	In case of insufficient ventilation, wear suitable respiratory equipment
5.3 Hazardous Thermal (de)composition Products	Void
5.4 Protection of Firefighters:	According to size of fire

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions	Avoid contact with mucous membranes and eyes
6.2 Environmental Precautions	Do not empty into drains
6.3 Methods of cleaning up	Take up mechanically. Rinse the remaining material with lots of water
6.4 Additional information	No dangerous materials are released

7. HANDLING AND STORAGE

7.1 Handling	Avoid contact with mucous membranes and eyes.
7.2 Storage	Avoid from direct sunlight and store at cool temperature(4~10 °C). Keep container tightly closed

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Exposure Limit Values	No components listed with TWA or STEL values under OSHA or ACGIH
8.2 Respiratory System Protection	No special respirator required
8.3 Skin and Body Protection	Wear suitable protective clothing and gloves
8.4 Hand Protection	Wear suitable gloves
8.5 Eye Protection	Eye goggles, with side shields

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical State	Liquid
9.2 Color	Light yellow to yellow
9.3 Odor	Characteristic
9.4 pH (25 °C)	5.50 ~ 7.50
9.5 Solubility	Soluble in Water
9.6 Change in condition	Melting point/Melting range : Not determined Boiling point/Boiling range : 95-185 °C

9.7 Flash point	138 °C
9.8 Flammability	Non-flammable
9.9 Danger of explosion	Non-explosive

10. STABILITY AND REACTIVITY

10.1 Conditions to avoid	No decomposition if used according to specifications
10.2 Dangerous reactions	No dangerous reaction known
10.3 Hazardous Decomposition Products	None

11. TOXICOLOGICAL DATA

11.1 Routes of exposure	Ingestion, inhalation and skin exposure.
11.2 Acute toxicity	Negligible based on ingredient information
11.3 Local effects, sensitization	Many years of application in cosmetic products shows excellent tolerance.
11.4 Chronic/Mutagenic effects on humans	Not expected based on ingredient information.

12. ECOLOGICAL INFORMATION

12.1 Persistence and degradability	Easily biodegradable (concerning to the criteria of the OECD)
12.2 Other adverse effects	Technically correct releases of minimal concentrations to adapted biological sewage treatment facility, will not disturb the biodegradability of activated sludge.

13. DISPOSAL CONSIDERATIONS

13.1 Method of Disposal	Take notice of national special regulations
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14. TRANSPORTATION INFORMATION

14.1 Land - Road/Railway	This product is not classified according to ADR/RID
14.2 Inland Waterways	This product is not classified according to ADNR
14.3 Sea	This product is not classified according to IMDG
14.4 Air	This product is not classified according to IATA
14.5 National Transport Regulations	No additional national transport regulations are known to the supplier

15. REGULATORY INFORMATION

The safety data sheet complies with requirements of Regulation(EC) No. 453/2010.

16. OTHER INFORMATION

None

This information of MSDS is transmitted to all the recipients of product. Each user should review these recommendation in advance