



Importers and dealers of
- Natural and Organic Oils
- Essential Oils
- Natural Powders
- Clays, etc
- Agro Products
- General Contracts

SDS (Safety Data Sheet)

Lactobionic Acid

Safety Data Sheet according to Federal Register / Vol. 77, No. 58/
Rules and Regulation

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Lactobionic Acid
Synonyms: Not available

Distributor: 5, Olayinka Owodunni Street,
Address: Off Sule Abore, Behind NNPC
Filling Station, Ojodu Berger,
Lagos

INCI Name: Lactobionic acid
CAS Number: 96-82-2

Phone / Fax: +234 706 1111 838

Formula: $\text{CH}_3(\text{CH}_2)_n\text{OH}$

Email: sophixnatural@gmail.com

Product Form: powder

Product Use: Cosmetic use

Emergency Telephone Number: +234 706 1111 838

2 HAZARDS IDENTIFICATION

GHS Signal Word:

WARNING

GHS Hazard Pictograms:



GHS Hazard Statements:

H315: Causes skin irritation
H319: Causes serious eye irritation
H413: May cause long lasting harmful effects to aquatic life
P281: Use personal protective equipment as required
P501: Dispose in accordance with local disposal regulation

GHS Precautionary Statements:

GHS Signal Word:

WARNING

Potential Health Hazards:

Eyes: Irritant.
Inhalation: No data available.
Skin: May be irritant.
Ingestion: Irritant.

NFPA Ratings (704):

Health	1	Mild
Flammability	1	Mild
Reactivity	0	Minimal
Specific Hazard	n/a	

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Lactobionic Acid	96-82-2	N/A	242.45 g/mol

4 FIRST AID MEASURES

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. Seek medical attention if irritation persists.
Inhalation: Remove to fresh air. Seek medical attention if necessary.
Skin: Wash skin with soap and water. Seek medical attention if symptoms occur.
Ingestion: Seek medical attention immediately.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:

Special protective equipment & precautions for firefighters:



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Dry chemical, foam, water spray, carbon dioxide

Firefighters should wear full protective clothing including self-contained breathing apparatus.



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Flash Points: >200 °F
 Specific hazards arising from the chemical: None known.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions: Product is biodegradable.
Methods and material for containment and cleaning up: Contain spilled material. Transfer to secure container.

7 HANDLING & STORAGE

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practices. Avoid contact with eyes.
Conditions for safe storage, incl. any incompatibilities: Keep containers closed in order to maintain the performance of the product, store at room temperature.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
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Lactobionic Acid

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes: Safety glasses, goggles, or face shield recommended for eye protection.
Inhalation: Appropriate NIOSH approved respiratory protection may be worn.
Body: Gloves and protective clothing should be worn to prevent prolonged skin contact.
Other: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	powder	Vapor Pressure:	Not available
Odor:	Characteristic	Vapor Density:	Not available
Taste:	Not available	Evaporation Rate:	Not available
Color:	White to off-white	Flammability:	Not available
Molecular Weight:	242.45 g/mol	Upper/lower Explosive Limit:	Not available
pH (2% water)	Not available	Solubility:	Insoluble in water. Partially soluble in alcohol
Boiling Point:	Not available		
Melting Point:	48-55 °C		
Flash Point:	>200 °F		
Specific Gravity:	0.81		

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10 STABILITY AND REACTIVITY

Reactivity:	Stable under normal conditions.
Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Excessive temperatures.
Incompatible Materials:	Strong oxidizing agents, strong mineral acids.
Hazardous Decomposition Products:	May emit noxious fumes of CO.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not available
Skin:	Not available
Eyes:	Not available
Respiratory:	Not available
Ingestion:	Not available
Carcinogenicity:	Not available
Teratogenicity:	Not available
Germ Cell Mutagenicity:	Not available
Embryotoxicity:	Not available
Specific Target Organ Toxicity:	Not available
Reproductive Toxicity:	Not available
Respiratory/Skin Sensitization:	Not available

12 ECOLOGICAL INFORMATION

Ecotoxicity	
Aquatic Vertebrate:	Not available
Aquatic Invertebrate:	Not available
Terrestrial:	Not available
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available
PBT and vPvB Assessment:	Not available
Other Adverse Effects:	Not available

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
Product Containers:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated
TDG (Transportation of Dangerous Goods, Canada):	Not regulated
IMDG (International Maritime Dangerous Goods):	Not regulated
IATA (International Air Transport Association):	Not regulated
ICAO (International Civil Aviation Organization):	Not regulated

15 REGULATORY INFORMATION

TSCA Inventory Status:	Listed as Cetearyl alcohol.
DSCL (EEC):	This product is not classified according to the EU regulations. Not applicable.
WHMIS (Canada):	Not controlled under WHMIS (Canada)

16 OTHER INFORMATION



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Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

Disclaimer: This 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 other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.