

SAFETY DATA SHEET

Biotera Long and Healthy Rich Lather Shampoo



1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Identification of the substance or mixture

Product name : Biotera Long and Healthy Rich Lather Shampoo

Manufacturer : Zotos International Inc.
100 Tokeneke Road,
Darien, CT 06820
USA

Distributor : Joico Laboratories Europe BV – Zotos Europe
Grasbeemd 4
5705 DG Helmond , The Netherlands
Tel. + 31 492 553 999 (Monday through Friday 9.00 – 17.00)

2. HAZARDS IDENTIFICATION

NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN THE RECOMMENDED INSTRUCTIONS FOR USE ARE FOLLOWED.

The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification according to Regulation (EC) 1907/2006 (REACH)

Classification : Not classified.

See Section 11 for more detailed information on health effects and symptoms.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture : Mixture

Ingredient name	CAS number	%	Number	Classification (according to REACH)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts See Section 16 for the full text of the R-phrases declared above.	61789-40-0	1.05	263-058-8	Xi; R36 [1]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] PBT-substance

[4] vPvB-substance

Occupational exposure limits, if available, are listed in Section 8.

4. FIRST AID MEASURES

First aid measures

Inhalation : Move affected person to fresh air.

Ingestion : Have conscious person drink several glasses of water or milk. Do not induce vomiting. Get medical attention if adverse health effects persist or are severe.

Skin contact : Prolonged or repeated contact with skin or mucous membrane may result in irritation symptoms, such as redness, blistering, dermatitis etc. Discontinue use of product. Apply cold compresses to affected areas to relieve any discomfort. Seek medical attention if irritation persists.

Eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. May cause eye irritation.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.

Date of issue/Date of revision : 11/13/2013.

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4. FIRST AID MEASURES

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

See Section 11 for more detailed information on health effects and symptoms.

5. FIRE-FIGHTING MEASURES

Extinguishing media : Extinguish fire using an agent suitable for the surrounding fire. Dike liquid for later disposal.

Special exposure hazards : In a fire or if heated, a pressure increase will occur and the container may burst. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Hazardous thermal decomposition products : No specific data.

Special protective equipment for fire-fighters : Non-combustible. No special recommendations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Do not touch or walk through spilled material. Keep container closed.

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for cleaning up : Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Place spilled material in an appropriate container for disposal. After contact with skin, wash immediately with plenty of water.

7. HANDLING AND STORAGE

Handling : Avoid contact with skin and eyes. Store in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10).

Storage : Keep container tightly closed. Store in a dry place.

Packaging materials

Recommended : Use original container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values

No exposure limit value known.

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

Exposure controls

Engineering measures : In case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory protection : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hand protection : Wear suitable gloves.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Eye protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.
- Skin protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. PHYSICAL AND CHEMICAL PROPERTIESGeneral informationAppearance

- Physical state** : Liquid. [Viscous liquid.]
- Color** : Clear. White.
- Odor** : Characteristic.

Important health, safety and environmental information

- pH** : 6.1
- Boiling point** : >100°C (>212°F)
- Flash point** : Closed cup: Not applicable.
- Relative density** : 1.03

10. STABILITY AND REACTIVITY

- Chemical stability** : Stable under recommended storage and handling conditions (see section 7).
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : No specific data.
- Materials to avoid** : No specific data.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATIONToxicokinetics

- Absorption** : Not available.
- Distribution** : Not available.
- Metabolism** : Not available.
- Elimination** : Not available.

Potential acute health effects

- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Eye contact** : No known significant effects or critical hazards.

Acute toxicity

- Conclusion/Summary** : Not available.

Potential chronic health effectsChronic toxicity

- Conclusion/Summary** : Not available.

Irritation/Corrosion

Product/ingredient name	Result	Score	Exposure	Observation
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	Eyes - Severe irritant	-	24 hours 100 microliters	-

11. TOXICOLOGICAL INFORMATION

Conclusion/Summary	: Not available.
Sensitizer	
Conclusion/Summary	: Not available.
Carcinogenicity	
Conclusion/Summary	: Not available.
Mutagenicity	
Conclusion/Summary	: Not available.
Teratogenicity	
Conclusion/Summary	: Not available.
Reproductive toxicity	
Conclusion/Summary	: Not available.
Chronic effects	: No known significant effects or critical hazards.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.
Over-exposure signs/symptoms	
Inhalation	: No specific data.
Ingestion	: No specific data.
Skin	: No specific data.
Eyes	: No specific data.

12. ECOLOGICAL INFORMATION

THE FOLLOWING DATA IN THIS SECTION IS SOURCED FROM PUBLICLY AVAILABLE DATABASES AND NOT THE REPRESENTATION OF ANY DATA COLLECTED BY ZOTOS INTERNATIONAL OR ITS AFFILIATES.

Ecotoxicity	: No known significant effects or critical hazards.
Aquatic ecotoxicity	
Conclusion/Summary	: Not available.
Other ecological information	
Persistence/degradability	
Conclusion/Summary	: Not available.
Other adverse effects	: No known significant effects or critical hazards.
PBT	: Not applicable. P: Not available. B: Not available. T: Not available.
vPvB	: Not applicable.

13. DISPOSAL CONSIDERATIONS

Methods of disposal	: Dispose of according to all federal, state and local applicable regulations.
Hazardous waste	: Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

14. TRANSPORT INFORMATION

International transport regulations

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-		-
ADN/ADNR Class	Not regulated.	-	-	-		-
IMDG Class	Not regulated.	-	-	-		-

14. TRANSPORT INFORMATION

IATA Class	Not regulated.	-	-	-	-
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PG* : Packing group

15. REGULATORY INFORMATION

Chemical Safety Assessment : This product contains substances for which Chemical Safety Assessments are still required.

EU regulations**Classification and labeling according to Regulation (EC) 1907/2006 (REACH)**

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.

Risk phrases : This product is not classified according to EU legislation.

Product use : Consumer applications.

Europe inventory : Not determined.

Black List Chemicals : Not listed

Priority List Chemicals : Not listed

Integrated pollution prevention and control list (IPPC) - Air : Not listed

Integrated pollution prevention and control list (IPPC) - Water : Not listed

Other EU regulations

Additional warning phrases : Safety Data Sheet available for professional user on request.

International regulations

Chemical Weapons Convention: List Schedule I Chemicals : Not listed

Chemical Weapons Convention: List Schedule II Chemicals : Not listed

Chemical Weapons Convention: List Schedule III Chemicals : Not listed

16. OTHER INFORMATION

Full text of R-phrases referred to in sections 2 and 3 - Europe : R36- Irritating to eyes.

Full text of classifications referred to in sections 2 and 3 - Europe : Xi - Irritant

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] : Not classified.

Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 96.2%
Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 94.7%

Restrictions on use

None identified.

History

Date of issue/ Date of revision : 11/13/2013.

Date of previous issue : 7/16/2013.

Version : 1

Date of issue/Date of revision : 11/13/2013.

16. OTHER INFORMATION

✔ Indicates information that has changed from previously issued version.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.