



Guangzhou Chaohongyi trading co., Ltd.

According to UN GHS (the 8th revised edition)

Material Safety Data Sheet (MSDS)

Product Name:	lanthome retinol serum
Model No.:	LBQ8611

Written by: Linda
(Linda)

Inspected by: Jose
(Jose)



ISSUED BY: TUV-Laboratory (China) Service of Testing Co., Ltd.

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Item No.:	20A020A119
MSDS No.:	EMS.200.717.007.CHT
Initial Date:	July 17, 2020
Revision Date:	July 17, 2020



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Section 1

Product and Company Identification

Product identification

Product Name:	lanthome retinol serum
Model No.:	LBQ8611
CAS No.:	Not applicable
EC No.:	Not applicable
Molecular formula:	Not applicable

Relevant identified uses of the substance or mixture and uses advised against

Identified uses:	Anti wrinkle, moisturizing and brightening
Use advised against:	No special instructions

Details of the applicant, supplier

Applicant:	Guangzhou Chaohongyi trading co., ltd.
Address:	Room 416, Heming Business Building, JiangXia East 1st Road, Balyun district Guangzhou, Guangdong
Post code:	/
Telephone:	+86-15800045355
Fax:	/
E-mail:	/
Supplier:	Guangzhou XuanYa Biological Technology Co., Ltd
Address:	No.13, KexingXi Road, Guangzhou Science and Technology Park, No. 1633 North Tai Road, Taihe Town, Baiyun District, Guangzhou

Emergency telephone number

Emergency telephone:	+86-13763389634
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Section 2

Hazard Description

Hazard class and label elements of the product according to GHS (the 8th revised edition):

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GHS Hazard class	Non-hazardous substance or mixture.
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GHS label elements	
Pictogram(s):	None
Signal word:	None

Hazard statements	Not applicable.
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Other Hazards	None.
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Hazard description	
◆ Physical and chemical hazards	
	Non-flammable, no special combustion and explosion characteristics.

◆ Health hazards	
Inhalation:	Respiratory discomfort, fatigue, sleepiness.
Ingestion:	Abdominal pain, vomiting.
Skin contact:	Allergic persons to the substances contained, may be irritating to skin.
Eye contact:	Redness, pain, tears.

◆ Environmental hazards	
	None.

Section 3 Composition/Ingredient Data

Material

Mixture

Component(s)	Content, %	CAS No.
AQUA	76.09	7732-18-5
GLYCERIN	5.00	56-81-5
BUTYLENE GLYCOL	8.00	107-88-0
BETAINE	3.00	107-43-7

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Component(s)	Content, %	CAS No.
DIGLYCERIN	3.00	59113-36-9
RETINOL	2.50	11103-57-4
ADENOSINE	2.50	58-61-7
HYDROXYPROPYL CYCLODEXTRIN	2.50	128446-35-5
XANTHAN GUM	0.30	11138-66-2
CARNOSINE	0.30	305-84-0
PHENOXYETHANOL	0.20	122-99-6
DIPOTASSIUM GLYCYRRHIZATE	0.15	68797-35-3
SODIUM HYALURONATE	0.12	9067-32-7
PEG-40 HYDROGENATED CASTOR OIL	0.10	61788-85-0
DISODIUM EDTA	0.05	139-33-3

Section 4

First Aid Measures

Description of first aid measures

General advice:	Show this material safety data sheet to the doctor in attendance. After receiving the first-aid measure required, consult a physician if necessary.
Skin contact:	It is harmless if used as intended. If you worry or have irritating symptoms, wash with water. If symptoms develop and persist, consult a physician.
Eyes contact:	Check for and remove any contact lenses, occasionally lifting the upper and lower eyelids. Immediately flush eyes with running water, disappear until the chemical residues so far. Provide a readily-accessible eyewash facility and quick-drench safety shower. Do not rubbing eyes with hand.
Inhalation:	Move exposed person to fresh air. Maintain an open airway. Keep person warm and at rest. If breathing is irregular, provide artificial respiration or oxygen by trained personnel. Get medical attention if adverse health effects persist or are severe.
Ingestion:	Wash out mouth with water. Move exposed person to fresh air. Keep person warm and at rest.

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	<p>If material has been swallowed and the exposed person is conscious, give small quantities of water to drink.</p> <p>Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel.</p> <p>If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.</p> <p>Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person.</p>
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Most important acute and delayed symptoms/effects

1	The most important known symptoms and effects are described in section 2 and/or in section 11.
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Immediate/special treatment

1	Continue with first aid measures. Treat symptomatically and supportively.
2	Symptoms may be delayed.

Section 5 Firefighting Measures

Extinguishing agent

Suitable extinguishing agents:	Use dry sand, dry chemical or CO ₂ foam extinguishing. Use extinguishing media most appropriate for the surrounding fire.
Unsuitable extinguishing agents:	Do not use a solid water stream as it may scatter or spread fire.

Special hazards arising from the substance or mixture

1	If this product is involved in a fire, the following can be released: Carbon oxides, nitrogen oxides, etc.
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Fire precautions and measures

1	Firefighters must wear self-contained breathing apparatus, wear full body fire suit, fire extinguishing in the upwind.
2	As far as possible will be transferred to empty containers from the scene.
3	Keep the fire water spray container cooling, until the end of fire.
4	If the containers in the fire ground have been color, must be evacuated immediately.
5	Isolated accident scene, prohibit access.
6	Receiving and processing of fire, to prevent environmental pollution.

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Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

- | | |
|---|---|
| 1 | No action shall be taken involving any personal risk or without suitable training. |
| 2 | Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. |
| 3 | Do not touch or walk through spilt material, avoid slipping. |
| 4 | Avoid breathing steam. |
| 5 | Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. |
| 6 | Put on appropriate personal protective equipment (see section 8). |

Environmental precautions

- | | |
|---|---|
| 1 | Prevent further leakage or spillage if safe to do so. |
| 2 | Discharge into the environment must be avoided. |

Methods and materials for containment and cleaning up

- | | |
|---|--|
| 1 | Small spill: Stop leak if without risk. Move containers from spill area. Wash the leakage with plenty of water.
Large spill: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth. |
| 2 | Contaminated absorbent material may pose the same hazard as the spilt product. |
| 3 | Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations. |

Section 7 Handling and Storage

Precautions for safe handling

- | | |
|---|--|
| 1 | Recommend applying 3~5 drops on your face or neck before moisturizing. Massage the Vitamin C Serum into your skin and allow it to absorb. We recommend using in the morning and before bed.. |
| 2 | For external use only, cannot be ingested. |
| 3 | Put on appropriate personal protective equipment (see section 8). |
| 4 | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and |

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	processed.
5	Workers should wash hands and face before eating, drinking and smoking. Avoid contact eyes. Avoid breathing steam.
6	Provide suitable exhaust equipment. Operate in a well-ventilated place.
7	Normal measures for preventive fire protection.
8	Keep away from heat/sparks/open flames/hot surfaces.
9	Observe good housekeeping procedures and hygiene practices.
10	Handling carefully to prevent damage the packaging and container.
11	Wash thoroughly after handling.
12	Persons with a history of skin sensitization problems should not be employed in any process in which this product is used.
13	Equipped with corresponding varieties and number of fire equipment and spill contingency processing equipment.

Precautions for storage

1	Store in accordance with local regulations. Stored in a dry, cool and well-ventilated area. Keep container tightly closed.
2	Keep away from open flames and high temperatures, away from incompatible materials (see section 10), food and feet.
3	Keep container tightly closed and sealed until ready for use.
4	Equipped with corresponding varieties and number of fire equipment and spill contingency processing equipment.
5	Keep out of reach children and pets.

Section 8

Exposure Controls/Personal Protection

Control parameters

Occupational Exposure limit values

Components CAS No.	Country/region	Occupational exposure limits (8h)		Occupational exposure limits (Short time)	
		ppm	mg/m ³	ppm	mg/m ³
GLYCERIN	USA-OSHA	-	15	-	-

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56-81-5	Korea	-	10	-	-
	Ireland	-	10	-	-
	Germany (DFG)	-	50	-	-
	Belgium	-	10	-	-
	Australia	-	10	-	-
PHENOXYETH ANOL 122-99-6	Switzerland	20	110	40	220
	Poland	-	230	-	-
	Germany (DFG)	20	110	40	220
	Germany (AGS)	20	110	40	220
	Canada-Ontario	25	141	-	-
	Austria	20	110	20	110

Engineering controls

1	Ensure adequate ventilation, especially in confined areas.
2	Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

General requirements:	
Respiratory protection:	Normally not required if used as intended. If concentration is higher in the air, advice wear a self-priming filter type gas mask (half mask) during production.
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 and body protection:	Normally not required if used as intended. Wear work clothes and boots during production.
Hands protection:	Normally not required if used as intended. Wear protective gloves during production. Check protective gloves prior to each use for their proper condition. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

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Section 9 Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance and character:	Transparent colorless liquid
Odor:	Fragrance
Melting point/freezing point (°C):	No data
Initial boiling point and boiling range (°C):	No data
Flash point (°C):	>93
Evaporation rate:	No data
Steam pressure (20°C):	No data
Relative density (water=1):	No data
Partition coefficient: n-octanol/water:	No data
Decomposition temperature (°C):	No data
pH value:	5~6
Autoignition temperature (°C):	No data
Explosion limit [% (v/v)]:	Non explosives
Relative vapor density (air=1):	No data
Solubility:	Soluble in water
Flammability (solid, gas):	Not applicable
Oxidizing properties:	The substance does not belong to oxidizing substances

Section 10 Stability and Reactivity

Stability and Reactivity

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Stability:	The product is chemically stable.
Reactivity:	Stable under recommended storage and handling conditions.
Incompatible materials:	Strong oxidizing agents, strong acids and strong bases.
Conditions to avoid:	In contrast to the nature of the material, direct sunlight, high temperature and open fire
Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 Toxicological Information

Toxicological Information

Acute toxicity:	Based on the available scientific data, it is concluded that the product ingredients are safe for cosmetics and personal care products.
Skin corrosion/irritation:	Allergic persons to the substances contained, may be irritating to skin. Will not irritate to skin under normal conditions.
Eye corrosion/irritation:	Irritating effect possible.
Respiratory sensitization:	These products are not known to cause human respiratory sensitization.
Skin sensitization:	These products are not known to cause skin sensitization.
Germ cell mutagenicity:	According to the existing data, the product is not classified.
Carcinogenicity:	No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.
Reproductive toxicity:	According to the existing data, the product is not classified.
Specific target organ toxicity - single exposure:	According to the existing data, the product is not classified.
Specific target organ toxicity - repeated exposure:	According to the existing data, the product is not classified.
Aspiration hazard:	According to the existing data, the product is not classified.
Additional reproductive toxicity hazards:	According to the existing data, the product is not classified.

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Section 12 Ecological Information

Aquatic toxicity	
Acute/Chronic aquatic toxicity:	This product contains no hazardous or toxic substances, and presents a negligible impact on the environment based on its reported use pattern.
Persistence and degradability	
Persistence:	The products are usually with natural biodegradable.
Bioaccumulative potential	
Bioaccumulation:	The potential for bioaccumulation of this material in aquatic organisms is low.
Mobility in soil	
Mobility:	Will penetrate into the soil, will be dissolved in the soil material.
Other adverse effects	
1	Under environmental conditions, is not expected to have a detrimental effect on plants, animals or microorganisms, but do not allow material to be released to the environment without proper governmental permits.

Section 13 Disposal Considerations

Waste disposal	
Residual waste:	Before disposal should refer to the relevant national and local laws and regulation. The generation of waste should be avoided or minimized wherever possible. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system or transfer to a suitable container and arrange for collection by specialized disposal company if recycling is not feasible.
Contaminated packaging:	The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
Disposal considerations:	Dispose of container and unused contents in accordance with national and local relevant regulations laws.

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Section 14 Transport Information

Transport rules

	According to IATA DGR 61 st Edition for transportation, IMO International Maritime Dangerous Goods Code (Amendment 39-18), European Agreement Concerning the International Carriage of Dangerous Goods by Road. The products are not subject to IATA DGR, IMDG and ADR/RID.
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Label(s) required

Label(s):	None
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Road transport (UN-ADR)

UN number:	Not regulated
UN proper shipping name:	Not regulated
Transport hazard class(es)-Main:	Not regulated
Transport hazard class(es)-Subrisk:	None
Packaging group:	Not regulated
Special provisions:	None
Hazard code:	None

Air transport (ICAO-IATA/DGR)

UN number:	Not regulated
UN proper shipping name:	Not regulated
Transport hazard class(es)-Main:	Not regulated
Transport hazard class(es)-Subrisk:	None
Packaging group:	Not regulated
Special provisions for transportation	None
ERG code:	None

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Sea transport (IMDG-CODE)

UN number:	Not regulated
UN proper shipping name:	Not regulated
Transport hazard class(es)-Main:	Not regulated
Transport hazard class(es)-Subrisk:	None
Packaging group:	Not regulated
Special provisions for transportation:	None
Marine pollutants (Yes/No):	No
EmS No.:	None

Section 15 Regulatory Information

Regulatory information:

Reference to the local, national, US, EU, CA and international regulations.

CAS No.	TSCA	EINECS	DSL	IECSC	NZIoC	PICCS	KECI	AICS
7732-18-5	✓	✓	✓	✓	✓	✓	✓	✓
56-81-5	✓	✓	✓	✓	✓	✓	✓	✓
107-88-0	✓	✓	✓	✓	✓	✓	✓	✓
107-43-7	✓	✓	✓	✓	✓	✓	✓	✓
11138-66-2	✓	✓	✓	✓	✓	✓	✓	✓
122-99-6	✓	✓	✓	✓	✓	✓	✓	✓
68797-35-3	✓	✓	✓	✓	✓	✓	✓	✓
9067-32-7	✗	✓	✓	✓	✓	✗	✗	✓
61788-85-0	✓	✓	✓	✓	✓	✓	✓	✓
59113-36-9	✓	✓	✓	✓	✗	✗	✓	✗
11103-57-4	✓	✓	✓	✓	✓	✓	✗	✓

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CAS No.	TSCA	EINECS	DSL	IECSC	NZIoC	PICCS	KECI	AICS
58-61-7	✓	✓	✓	✓	✓	✓	✗	✓
128446-35-5	✓	✓	✗	✓	✓	✗	✓	✓
305-84-0	✓	✓	✗	✓	✗	✓	✗	✗
139-33-3	✓	✓	✓	✓	✓	✓	✓	✓

TSCA:	United States Toxic Substances Control Act Inventory
EINECS:	European Inventory of Existing Commercial Chemical Substances
DSL:	Canadian Domestic Substances List
IECSC:	China Inventory of Existing Chemical Substances
PICCS:	Philippines Inventory of Chemicals and Chemical Substances
NZIoC:	New Zealand Inventory of Chemicals
KECI:	Existing and Evaluated Chemical Substances
AICS:	List of existing chemical substances in Australia
★Note:	“✓” Indicates that the substance included in the regulations “✗” That no data or included in the regulations

Section 16 Other Information

Abbreviations or phrases

ACGIH:	American Conference of Governmental Industrial Hygienists
ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service
CLP:	Classification, labeling and packaging
EC:	Council of Europe
ECHA:	European Chemicals Agency
EINECS:	European Inventory of Existing commercial Chemical Substances
GHS:	Globally Harmonized System of Classification and Labelling of Chemicals

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IARC:	International Agency for Research on Cancer
IATA:	International Air Transport Association
RID:	Regulation for rail International transportation of Dangerous goods
ICAO:	International Civil Aviation Organization
IMDG:	International Maritime Dangerous Goods Code
IC ₅₀ :	Inhibitory Concern Triton 50%
LC ₅₀ :	Lethal Concentration 50%
LD ₅₀ :	Median Lethal Dose 50%
MAPROL:	International Convention for the Prevention of Pollution from Ships
REACH:	REGULATION concerning the Registration, Evaluation, Authorization and Restriction of Chemicals
STEL:	Short Term Exposure Limit
TWA:	Time Weighted Average
MAC:	Maximum Allowable Concentration
OSHA:	Occupational Safety and Health Administration
NIOSH:	National Institute for Occupational Safety and Health
TLV:	Threshold Limit Value
TLV-TWA:	Threshold Limit Value-Time Weighted Average
TLV- STEL:	Threshold Limit Value-Short term Exposure Limit
PC-TWA:	Permissible Concentration-Time Weighted Average
PC-STEL:	Permissible Concentration-Short Term Exposure Limit
PEL:	Permissible Exposure Limit
OELs:	Occupational Exposure Limits

Reference

1	IARC
2	OECD: The Global Portal to Information on Chemical Substances
3	U.S. Department of Transportation: ERG
4	Germany GESTIS-database on hazard substance

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5	CAMEO Chemicals
6	NLM: ChemIDplus
7	EPA: Integrated Risk Information System
8	IPCS: The International Chemical Safety Cards (ICSC)

Disclaimer

1	The above information is believed to be correct but we can not guarantee the absolute universality and accuracy and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.
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Product photo(s)



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