

SAFETY DATA SHEET
(LINIS HAND SANITISING GEL)

Revision 1: 10th May 2020

1. Identification of the Preparation and of the Company

- 1.1 Product Name : LINIS Alcohol Hand Gel 300ml and 500ml
- 1.2 Manufacturer Company Identification
 Guangzhou Yang Sen Medicine Co.Ltd.
 1/2F, Yansen Industrial Park Bldg A No.10 Xiamao 11th Community New
 Industrial Zone, Baiyun Lake St, Baiyun Dist, Guangzhou City, Guangdong Province, China
 Zip code: 510425
 Health license no. : [yue] weixiaozheng zi [2017] no. 8058
 Telephone: 0086-020-29122255
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2. Hazards Identification

2.1 GHS Classification:

<u>Flammable Liquid</u>	<u>Category 3</u>
<u>Acute Toxicity Inhalation</u>	<u>Category 5</u>

2.2 Label Element:

GHS Symbols:
Min 10mm sides



GHS Signal Word: FLAMMABLE

2.2 Label Element: Continued

Prevention Statements:

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof [electrical/ventilating/lighting] equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.

Response Statements:

P304+P317	IF INHALED: Get medical help.
P370+P378	In case of fire: Use appropriate extinguishing media mentioned in Section 5 of the SDS to extinguish.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water [or shower].

Storage Statements:

SAFETY DATA SHEET
(LINIS HAND SANITISING GEL)

P403+P235	Store in a well-ventilated place. Keep cool.
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Disposal Statements:

P501	Dispose of contents/container in accordance with local/regional/national/ international
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Storage Statements:

P242	Use non-sparking tools.
P243	Take action to prevent static discharges.

3. Composition/Information on Ingredients

3.1 Chemical Name

INCI	CAS NO.	purity	content
AQUA	7732-18-5	100	
CARBOMER	9007-16-3	90	
BENZALKONIUM BROMIDE	91080-29-4	5	
TRIETHANOLAMINE	102-71-6	99	
ALCOHOL	64-17-5	95	78.95
INULIN	9005-80-5	40	
METHYLISOTHIAZOLINONE	2682-26-4	90	

3.2 There are no other hazardous materials in this formulation that are known to the supplier.

4. First Aid Measures:

Eye Contact:	Immediately flush with plenty of clean water for at least 15 minutes. If irritation persists, seek medical attention. Remove contact lenses & flush with water if applicable.
Skin Contact:	Promptly wash thoroughly with water for at least 15 minutes while removing contaminated clothing. Wash any contaminated clothing well before re-use.
Ingestion:	Immediately rinse mouth, then drink plenty of water or milk. Do not induce vomiting. Seek medical attention.
Inhalation:	Move to fresh air. If irritation persists, seek medical attention.

SAFETY DATA SHEET (LINIS HAND SANITISING GEL)

5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Sand, dry chemical, alcohol-resistant foam and CO₂
- 5.2 Unsuitable extinguisher media:
High volume water jet
- 5.3 Special Fire or Explosion Hazards
FLAMMABLE. Do not allow run-off from fire fighting to enter drains or water courses.
- 5.4 Special protective equipment for fire fighters:
In the event of fire, wear self-contained breathing apparatus and personal protective equipment.
- 5.5 Other Recommendations
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. Accidental Release Measures

- 6.1 Personal precautions:
Eliminate all sources of ignition
- 6.2.1 Environmental precautions:
Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so
- 6.3 Methods and material for containment and cleaning up
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations.
- 6.4 Reference to other sections
Comply with all applicable national and local regulations

7. Handling & Storage

- 7.1 Recommended Storage Conditions
Store away from all incompatibles and combustibles (see section 10). Store in a cool, dry, well ventilated place. Moisture sensitive. Avoid high humidity levels. Do not allow water to get into container. Keep away from fire, heat, flame & direct sunlight. Keep container tightly closed. Keep out of reach of children. Never store damp or contaminated material.
- 7.2 Recommended Handling Precautions
Avoid contact with eyes, skin & clothing.
When handling large quantities of tablets, wear chemical resistant gloves and safety goggles.
Avoid breathing any dust.
Wash thoroughly after handling.
Use protective equipment recommended in section 8.
Do not eat, drink or smoke when handling this material.

SAFETY DATA SHEET
(LINIS HAND SANITISING GEL)

8. Exposure Controls/Personal Protection

- 8.1 Respiratory Protection: Where any dust in the breathing zone cannot be controlled with ventilation, wear an officially approved respirator (NIOSH/MSHA or equivalent agency) for protection against airborne dust.
- 8.2 Ventilation: Use local exhaust ventilation where appropriate
- 8.3 Eye Protection: If airborne dust concentrations are high, wear appropriate protective goggles. Wash eyes with clean water where there is potential eye contact.
- 8.4 Skin Protection: When handling large bulk quantities wear protective gloves. Wash immediately if skin is contaminated. Remove and wash contaminated clothing and clean up equipment before re-use. Wash thoroughly with soap and water after handling

9. Physical & Chemical Properties

- Appearance: colorless and transparent gel
 Odour: smell of ethanol.
 pH: 1% aqueous solution - 5.0 - 8.0 approx.
 Solubility: Freely soluble
 Oxidising Properties: Non oxidising
 Flash Point: >100°C
 Flammability: Not flammable
 Auto-flammability: Not auto-flammable
 Explosion Properties: Not explosive

10. Stability & Reactivity

Reactivity	Contact with incompatible substances can cause decomposition or other chemical reactions.
Chemical stability	Stable under proper operation and storage conditions.
Possibility of hazardous reactions	In contact with oxidants causes severe reactions, and may cause a fire or explosion. In contact with active metals (alkali metals, Na, Ca etc.) causes a reaction and release hydrogen.
Conditions to avoid	Incompatible materials, heat, flame and spark.
Incompatible materials	Oxidants, alkali metals, alkaline earth metals and aluminum. Alkali, sodium, calcium, and other active metal, halogen, metal oxide, nonmetal oxide, acyl halide and metal phosphide.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information

Acute Toxicity

Component	Cas No.	LD50(oral)
TRIETHANOLAMINE	102-71-6	5846mg/kg(Mouse)

SAFETY DATA SHEET
(LINIS HAND SANITISING GEL)

CARBOMER	9007-16-3	4100mg/kg(Rat)
BENZALKONIUM BROMIDE	7281-04-1	230mg/kg(Rat)
ALCOHOL	64-17-5	7060mg/kg(Rat)

Carcinogenicity

ID	Cas No.	Component	IARC
1	64-17-5	ALCOHOL	Category 1
2	9007-16-3	CARBOMER	Not Listed
3	102-71-6	TRIETHANOLAMINE	Category 3
4	7281-04-1	BENZALKONIUM BROMIDE	Not Listed
5	9005-80-5	INULIN	Not Listed
6	2682-20-4	METHYLISOTHIAZOLINONE	Not Listed
7	7732-18-5	AQUA	Not Listed

12. Ecological Information

Acute aquatic toxicity

Component	Cas No.	Fis	Crustaceans	Alga
METHYLISOTHIAZOLINONE	2682-20-4	LC50 : 0.19mg/L (96h)(Fish)	EC50 : 1.07mg/L (48h)(Crustaceans)	ErC50 : 0.06mg/L (96h)(Algae)
TRIETHANOLAMINE	102-71-6	LC50 : 11800mg/L (96h)(Fish)	EC50 : 610mg/L (48h)(Crustaceans)	No information available
ALCOHOL	64-17-5	LC50 : 11000mg/L (96h)(Fish)	EC50 : 9950mg/L (48h)(Crustaceans)	No information available

13. Disposal Information

Refer to section 6, then :-

Disposal should be done in accordance with all official regulations.

If material is dry, incineration is recommended.

14. Transport Information

ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)



SAFETY DATA SHEET
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ADR/RID Class: 3
 IMDG / IMO: 3

Packing group: III
 UN no: 1170
 Tunnel Category: (D/E)
 Hazard ID no: 30

IATA / ICAO: 3
 Packing Instructions (Cargo): 366
 EmS Code: F-E-S-D

15. Regulatory Information

International chemical inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS	ENCS
ALCOHOL									
CARBOMER	x	x	x				x	x	x
TRIETHANOLAMINE									
BENZALKONIUM BROMIDE					x	x	x		x
INULIN							x		x
METHYLISOTHIAZOLINONE									x
AQUA									

- 【EINECS】** European Inventory of Existing Commercial Chemical Substances
- 【TSCA】** United States Toxic Substances Control Act Inventory
- 【DSL】** Canadian Domestic Substances List
- 【IECSC】** China Inventory of Existing Chemical Substances
- 【NZIoC】** New Zealand Inventory of Chemicals
- 【PICCS】** Philippines Inventory of Chemicals and Chemical Substances
- 【KECI】** Existing and Evaluated Chemical Substances
- 【AICS】** Australia Inventory of Chemical Substances
- 【ENCS】** Existing And New Chemical Substances Note

“v” Indicates that the substance included in the regulations
 “x” That no data or included in the regulations

SAFETY DATA SHEET
(LINIS HAND SANITISING GEL)

16. Other Information

Revision note: this specification is amended according to the implementation standard Q/GZYSX01.

Filling in time: 2020/03/10

NOTE: The information herein relates only to the specific material designated and may not be valid for such material if used in combination with other material or in another process. This information is presented in good faith to the best of the company's knowledge and believed to be correct at the date prepared however no warranty or representation expressed or implied is made as to the accuracy or completeness of the information or continuing accuracy of this data. In no event will AP INDUSTRIES LTD be responsible for damages of any nature whatsoever resulting from the use or reliance of this data. It is for the user to satisfy themselves as to the suitability of such information for their particular use. The user assumes all liability for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product. END

Revision 2: 10TH July 2020

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