

SAFETY DATA SHEET

True Wash 75% Ethyl Alcohol Hand Sanitizer Gel



Version
1.1

Revision Date:
07/15/2020

Date of last issue: 07/10/2020
Date of first issue: 03/16/2020

SECTION 1. IDENTIFICATION

Product name : True Wash 75% Ethyl Alcohol Hand Sanitizer Gel

Manufacturer or supplier's details

Company name of supplier : Guangzhou Orchard Aromatherapy & Skin Care Co.,Ltd

Address : 38 Liansheng Industrial Park, Hongqi Village, Qinghong RD, Zhuliao ST, Zhongluotan Town, Baiyun DIST, Guangzhou, Guangdong, China 510545

Telephone : 1 608) 368-9909

Emergency telephone : 1 608) 368-9909

Recommended use of the chemical and restrictions on use

Recommended use : Hand Sanitizer

Restrictions on use : This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. Cosmetics and consumer products, specifically defined by regulations around the world, are exempt from the requirement of an SDS for the consumer. While this material is not considered hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. This SDS should be retained and available for employees and other users of this product. For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable liquids : Category 2

Eye irritation : Category 2A

GHS Label element

Hazard pictograms :



Signal Word : DANGER

Hazard Statements : H225 Highly Flammable liquid and vapor.

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Precautionary Statements : H319 Causes serious eye irritation.

Prevention:
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/.../ equipment.
P242 Use only non-sparking tools
P243 Take precautionary measures against static discharge

Response:
P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P330 Rinse mouth.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P370+P378 In case of fire: Use Fire Extinguisher for extinction.

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

Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

Vapors may form explosive mixture with air.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Composition ingredients

Chemical Name	CAS-No.	Concentration (%)
ETHANOL	64-17-5	75
WATER	7732-18-5	14.6
ALOE BARBADENSIS LEAF EXTRACT	85507-69-3	10
ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER	9007-20-9	0.20
TETRAHYDROXYPROPYL ETHYLENEDIAMINE	102-60-3	0.20

SECTION 4. FIRST AID MEASURES

General advice : In the case of accident or if you feel unwell, seek medical advice immediately.
When symptoms persist or in all cases of doubt seek medical advice.

If inhaled : If inhaled, remove to fresh air.
Get medical attention if symptoms occur.

In case of skin contact : Wash with water and soap as a precaution.
Get medical attention if symptoms occur.

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- In case of eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.
If easy to do, remove contact lens, if worn.
Get medical attention.
- If swallowed : If swallowed, DO NOT induce vomiting.
Get medical attention if symptoms occur.
Rinse mouth thoroughly with water.
- Most important symptoms and effects, both acute and delayed : Causes serious eye irritation.
- Protection of first-aiders : First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists.
- Notes to physician : Treat symptomatically and supportively.
-

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Water spray
Alcohol-resistant foam
Dry chemical
Carbon dioxide (CO₂)
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire fighting : Do not use a solid water stream as it may scatter and spread fire.
Flash back possible over considerable distance.
Vapors may form explosive mixtures with air.
Exposure to combustion products may be a hazard to health.
- Hazardous combustion products : Carbon oxides
- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray to cool unopened containers.
Remove undamaged containers from fire area if it is safe to do so.
Evacuate area.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.
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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, : Remove all sources of ignition.
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protective equipment and emergency procedures

Use personal protective equipment.
Follow safe handling advice and personal protective equipment recommendations.

Environmental precautions

: Discharge into the environment must be avoided.
Prevent further leakage or spillage if safe to do so.
Prevent spreading over a wide area (e.g. by containment or oil barriers).
Retain and dispose of contaminated wash water.
Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up

: Non-sparking tools should be used.
Soak up with inert absorbent material.
Suppress (knock down) gases/vapors/mists with a water spray jet.
For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container.
Clean up remaining materials from spill with suitable absorbent.
Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.
Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

SECTION 7. HANDLING AND STORAGE

Technical measures

: See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.

Local/Total ventilation

: Use with local exhaust ventilation.
Use only in an area equipped with explosion proof exhaust ventilation.

Advice on safe handling

: Do not breathe vapors or spray mist.
Do not swallow.
Do not get in eyes.
Avoid prolonged or repeated contact with skin.
Handle in accordance with good industrial hygiene and safety practice.
Non-sparking tools should be used.
Keep container tightly closed.
Keep away from heat and sources of ignition.
Take precautionary measures against static discharges.
Take care to prevent spills, waste and minimize release to the environment.

Conditions for safe storage

: Keep in properly labeled containers.
Keep tightly closed.

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Keep in a cool, well-ventilated place.
Store in accordance with the particular national regulations.
Keep away from heat and sources of ignition.

Materials to avoid

- : Do not store with the following product types:
- Strong oxidizing agents
 - Organic peroxides
 - Flammable solids
 - Pyrophoric liquids
 - Pyrophoric solids
 - Self-heating substances and mixtures
 - Substances and mixtures which in contact with water emit flammable gases
 - Explosives
 - Gases

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Ingredients	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Ethanol	64-17-5	TWA	1,000 ppm 1,900 mg/m ³	NIOSH REL
		TWA	1,000 ppm 1,900 mg/m ³	OSHA Z-1

Engineering measures

- : Minimize workplace exposure concentrations.
Use only in an area equipped with explosion proof exhaust ventilation.
Use with local exhaust ventilation.

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Personal protective equipment

Respiratory protection : General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Hand protection

Material : Impervious gloves

Material : Flame retardant gloves

Remarks

: Choose gloves to protect hands against chemicals depending on the concentration specific to place of work. Breakthrough time is not determined for the product. Change gloves often! For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.

Eye protection

: Wear the following personal protective equipment:
Safety goggles

Skin and body protection

: Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential.
Wear the following personal protective equipment:
Flame retardant antistatic protective clothing.
Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).

Hygiene measures

: Ensure that eye flushing systems and safety showers are located close to the working place.
When using do not eat, drink or smoke.
Wash contaminated clothing before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : clear, Colorless to pale yellow

Odor : alcohol

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Odor Threshold : No data available

pH : 6.31

Melting point/freezing point : No data available

Initial boiling point and boiling range : 70 °C

Flash point : 22 °C (71.6°F) - Closed Cup

Evaporation rate : No data available

Flammability (solid, gas) : Not applicable

Upper explosion limit : No data available

Lower explosion limit : No data available

Vapor pressure : No data available

Relative vapor density : No data available

Density : 0.8750 g/cm³

Solubility(ies)
Water solubility : soluble in water

Partition coefficient: n-octanol/water : Not applicable

Autoignition temperature : No data available

Decomposition temperature : The substance or mixture is not classified self-reactive.

Viscosity
Viscosity, kinematic : 4,890 mpa.s

Explosive properties : Not explosive

Oxidizing properties : The substance or mixture is not classified as oxidizing.

SECTION 10. STABILITY AND REACTIVITY

Reactivity : Not classified as a reactivity hazard.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : Flammable liquid and vapor.
Vapors may form explosive mixture with air.
Can react with strong oxidizing agents.

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Conditions to avoid : Heat, flames and sparks.

Incompatible materials : Oxidizing agents

Hazardous decomposition products : No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1	Information on likely routes of exposure	
	Eye Contact	Direct contact with eyes may cause serious eye irritation. Symptoms may include stinging, tearing, and redness.
	Skin Contact	No adverse effects expected from normal use. Prolonged and repeated skin exposure may cause defatting, drying and cracking of the skin.
	Ingestion	No adverse effects expected from normal use. May cause gastrointestinal discomfort/irritation if swallowed. Ingestion of high concentrations may cause nausea, vomiting, and signs of central nervous system depression (headache, dizziness and drowsiness).
	Inhalation	No adverse effects expected from normal use. Excessive inhalation may cause nausea, vomiting, and signs of central nervous system depression (headache, dizziness and drowsiness).
11.2	Potential Chronic Health Effects	None known
11.3	Acute Toxicity	Product Summary/Conclusion: Not classified based on available information.
	Components	Ethanol: CAS 64-17-5 LD50:7060 mg/kg (rabbit oral);7430 mg/kg (rabbit percutaneous); LC50:37620 mg/m ³ , 10 hours (rat inhalation)
11.4	Skin corrosion / irritation	No known significant effects or serious harm
11.5	Serious eye damage / irritation	No known significant effects or serious harm
11.6	Respiratory or skin sensitization	Product Summary/Conclusion: Classification criteria are not met.
		Product: Human Repeat Insult Patch Test-No evidence of sensitization.
		Ethanol: CAS 64-17-5 <u>Respiratory Sensitization:</u> No reports of human respiratory sensitization. <u>Skin Sensitization:</u> No skin sensitization evident in animal studies at 75% concentration.

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11.7	Germ Cell Mutagenicity	Product Summary/Conclusion: Classification criteria are not met. No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
		Ethanol: CAS 64-17-5 In-vitro: Negative for bacterial reverse mutation test (OECD 471) in Salmonella typhimurium up to maximum plate concentration of 10 mg/plate, with and without metabolic activation.
11.8	Carcinogenicity	No components at levels greater than or equal to 0.1% are listed as carcinogens by IARC, US OSHA or NTP.
11.9	Reproductive toxicity	Product Summary/Conclusion: Classification criteria are not met. No data available to indicate product or any components present at greater than 0.1% cause reproductive or developmental effects.
		Ethanol: CAS 64-17-5 Two-Generation Reproduction Toxicity, OECD 416, Mouse, Oral: NOAEL 15%(20.7g/kg/day) (highest concentration tested) Prenatal Developmental Toxicity, OECD 414, Rat, Inhalation: NOAEL (maternal toxicity) 16,000ppm, NOAEL (teratogenicity)>20,000ppm (highest concentration tested)
11.10	STOT-Single Exposure	Not classified due to lack of date.
11.11	STOT-Repeated	Product Summary/Conclusion: Classification criteria are not met.
	Exposure	Ethanol: CAS 64-17-5 90-Day Oral Toxicity Mouse: NOAEL>9400mg/kg(total dose),LOAEL 9700mg/kg Repeated Dose Inhalation Toxicity, Rat, 4 weeks (6 hours/day,5 day/week): NOAEC>6130ppm
11.12	Aspiration Hazard	Not classified due to lack of date.

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- Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 13,400 mg/l
Exposure time: 96 h
- Toxicity to daphnia and other aquatic invertebrates : Exposure time: 48 h
- Toxicity to algae : EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 9.6 mg/l
Exposure time: 9 d
- Toxicity to bacteria : EC50 (Photobacterium phosphoreum): 32.1 mg/l
Exposure time: 0.25 h

- 12.1 Ecotoxicity Product Summary/Conclusion: Classification criteria are not met.
Product: ASTM D5660, Luminescent Bacteria, IC20:No toxic effects
Ethanol:CAS 64-17-5
Aquatic Plants EC50:275 mg/L,72 hours(Chlorella vulgaris: fresh water algae)
Crustacea LC50:12,340 mg/L,96 hours(rainbow trout):>13,400 mg/L,96 hours(fathead minnow)
- 12.2 Persistence and Degradability Product:OECD 301B,Readily biodegradable
- 12.3 Bioaccumulative Potential Ethanol (CAS 64-17-5):-0.31(log Kow)
- 12.4 Mobility in soil No date available
- 12.5 Other Adverse Effects No other known adverse environment effects or critical hazards.

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SECTION 13. DISPOSAL CONSIDERATIONS

- Disposal methods : Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
- Disposal considerations : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.
- RCRA - Resource Conservation and Recovery Authorization Act Hazardous waste : D001 (Ignitable)

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SECTION 14. TRANSPORT INFORMATION

International Regulation

UNRTDG

UN number : UN 1987
Proper shipping name : ALCOHOLS, N.O.S.
(Ethanol)
Class : 3
Packing group : II
Labels : 3

IATA-DGR

UN/ID No. : UN 1987
Proper shipping name : Alcohols, n.o.s.
(Ethanol)
Class : 3
Packing group : II
Labels : Flammable Liquids
Packing instruction (cargo aircraft) : 366
Packing instruction (passenger aircraft) : 355

IMDG-Code

UN number : UN 1987
Proper shipping name : ALCOHOLS, N.O.S.
(Ethanol)
Class : 3
Packing group : II
Labels : 3
EmS Code : F-E, S-D
Marine pollutant : no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

49 CFR

UN/ID/NA number : UN 1987
Proper shipping name : ALCOHOLS, N.O.S.
Class : 3
Packing group : II
Labels : FLAMMABLE LIQUID
ERG Code : 127

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Marine pollutant : no

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Fire Hazard
Acute Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

California Prop 65 This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

The ingredients of this product are reported in the following inventories:

AICS : All ingredients listed or exempt.

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), NECSI (Taiwan), TSCA (USA)

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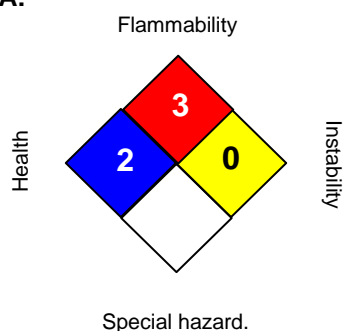
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SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS III:

HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Full text of other abbreviations

- ACGIH : USA. ACGIH Threshold Limit Values (TLV)
 - ACGIH BEI : ACGIH - Biological Exposure Indices (BEI)
 - NIOSH REL : USA. NIOSH Recommended Exposure Limits
 - OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
 - ACGIH / TWA : 8-hour, time-weighted average
 - ACGIH / STEL : Short-term exposure limit
 - NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
 - NIOSH REL / ST : STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday
 - OSHA Z-1 / TWA : 8-hour time weighted average
- Sources of key data used to compile the Material Safety Data Sheet : Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>
- Revision Date : 07/15/2020

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

US / Z8