

(MSDS)


1. Company Information

| | | |
|---------------|----------------------------------|---|
| Product Name | HYGEINIC HAND SANITIZER(ETHANOL) | |
| Product | Hand sanitizer | |
| Manufacturing | Name | Ashtel Studios, Inc. |
| Information | Address | 1610 E. Philadelphia St. Ontario, CA 91761 |
| | Tel No. | (909) 434-0911 |
| | Department | QA Department |
| | Name | Zhao, Shumo |
| DATE | 2020-02-14 | |

2. Ingredients Information

| Chemical Name | CAS NO. | Concentration(%) |
|-------------------------------|------------|------------------|
| Ethanol | 64-17-5 | 62.00 |
| Glycerin | 56-81-5 | 1.00 |
| Carbomer | 9003-01-04 | 0.30 |
| Green Tea Extract | - | 0.001 |
| Mugwort Extract | - | 0.001 |
| Sponge Cucumber Gourd Extract | - | 0.001 |
| L-Menthol | 2216-51-5 | 0.02 |
| Triethanolamine | 102-71-6 | 0.25 |
| Water | 7732-18-5 | 36.427 |

3. Hazard IDENTIFICATION

| | |
|--|---|
| Hazard pictograms : |  |
| Signal Word | Danger |
| Hazard Classifications | |
| Flammable liquid | : Category 2 |
| Eye irritation | : Category 2A |
| Hazard Statements | |
| H225 | Highly flammable liquid and vapour |
| H319 | Causes serious eye irritation |
| Prevention Precautionary Statements | |
| P102 | Keep out of reach of children |

| | |
|--|--|
| P103 | Read label before use |
| P210 | Keep away from heat/sparks/open flames/hot surfaces.No smoking |
| P233 | Keep container tightly closed |
| P243 | Take precautionary measures against static discharge. |
| Response Precautionary Statements | |
| P101 | If medical advice is needed, have product container or label at hand |
| P305+P351+P338 | IF IN EYE:Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337+P313 | If eye irritation persists: Get medical advice/attention. |
| Storage Precautionary Statement | |
| P403+P235 | Store in a well-ventilated place.Keep cool |
| Disposal Precautionary Statements | |
| P501 | Dispose of contenes/container in accordance with local, regional and internation regulations. |

4. First Aid measures

| | |
|--------------------|--|
| Ingestion | Induce vomiting if large amount was ingested |
| Eye contact | Irrigate with water immediately for at least 5min. |
| Skin contact | Wash off with flowing water or in shower |
| Inhalation | No adverse effects expected |
| Notes to physician | There is no antidote; Use supportive care |

5. Fire Fighting measures

| | |
|---------------------------|---|
| Extinguishing Media | : Water, fog, alcohol resistant foam, carbon dioxide, dry chemical |
| Fire fighting instruction | : Wear a positive pressure self-contained breathing apparatus. Caution-acrolein may be released by combustion |
| Special hazards | : Avoid from strong oxidishing agents |

6. Accidental release measure

| | |
|------------|--|
| Leak/Spill | : For small spillage, cover with absorbent material, soak up and sweep into a bottle. For large spilage, dike around the spill and pump into suitable bottles. |
|------------|--|

7. Handling and storage

| | |
|----------|---|
| Handling | Keep this product far away from children. |
| Storage | Keep in cool dry place |

8. Exposure control and personal protection

| | |
|---------------------|--------------------------------------|
| Exposure limit | None |
| Engineering measure | No special engineering requirements. |
| Personal protection | No special requirements. |

9. Physical and chemical properties

| | | | |
|---------------|-------------------------------|-------------|------|
| Appearance | colorless and transparent gel | | |
| Odor | Compare with standard | | |
| pH | 5.7 ~ 7.7 (25°C) | | |
| Solubility | liquid friendly | | |
| Boiling Point | 80°C | Flash Point | 22°C |

10. Reactivity and Stability

| | |
|--------------------------|------|
| Conditions to avoid | None |
| Incompatibles | None |
| Decomposition product | None |
| Hazardous polymerization | None |

11. Toxicological information

| | |
|---|-----------------------------|
| Carcinogenicity | None |
| Reproductive Effect | No harmful effects expected |
| Effects of overexposure | No harmful effects expected |
| Chronic effects | Eyes : slight irritation |
| Medical conditions generally Aggravated by exposure | Eye |

12. Ecological information

| | |
|------------------|------|
| Mobility | None |
| Bioaccumulation | None |
| Biodegradability | None |
| Aquatic Toxicity | None |

13. Disposal considerations

Disposal method in accordance with all applicable national environment laws and regulations.

14. Transportation information

| IATA-DGR | |
|-----------------------|--------------------|
| UN No | : 1170 |
| Dangerous Goods Class | : 3 |
| Packing Group | : II |
| Hazchem Code | : 2YE |
| Proper Shipping Name | : ETHANOL SOLUTION |
| IMDG-Code | |
| UN No | : 1170 |
| Dangerous Goods Class | : 3 |
| Packing Group | : II |
| Hazchem Code | : 2YE |
| Proper Shipping Name | : ETHANOL SOLUTION |

15. REGULATORY Information

This product is categorized under non-hazardous.

16. Other information

This material and safety data sheet does not constitute any warranty or guarantee as to the quality, properties, condition or otherwise of the product. It has been prepared from the best knowledge available to us and we shall not be liable for any insufficiency in such information in any case whatsoever.

SAFETY DATA SHEET

HAND SANITIZER

ASHTEL STUDIOS INC.

SDS

★ According to GHS (Seventh Revised Edition)

Section 1 Product and Company Identification

> Product Identifier

Product Name HAND SANITIZER
Synonyms -

> Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Relevant Identified Uses Please consult manufacturer.
Uses Advised Against Please consult manufacturer.

> Details of the Supplier of the Safety Data Sheet

Applicant Name Ashtel Studios INC.
Application Address 1610 E. Philadelphia St, Ontario, CA
Applicant Post Code 91761
Applicant Telephone +1-909-247-2790
Applicant Fax 1-909-247-2790
Applicant E-mail sales@ashtelstudios.com
Supplier Name Ashtel Studios INC.
Supplier Address 1610 E. Philadelphia St, Ontario, CA
Supplier Post Code 91761
Supplier Telephone +1-909-247-2790
Supplier Fax 1-909-247-2790
Supplier E-mail sales@ashtelstudios.com

> Emergency Phone Number

Emergency Phone Number +1-909-247-2790

Section 2 Hazards Identification

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

> GHS Hazard Class

Flammable Liquids Category 2

> GHS Label Elements

Pictogram



Signal Word

Danger

> Hazard Statements

H225 Highly flammable liquid and vapour

> Precautionary Statements

Prevention

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.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

P370+P378 In case of fire: Use dry chemical, carbon dioxide or alcohol-resistant foam to extinguish.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Storage

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

Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3 Composition/Information on Ingredients

| Component | Concentration (weight percent, %) | CAS No. | EC No. |
|-----------------------|-----------------------------------|-----------|-----------|
| Ethanol | Commercial secrets | 64-17-5 | 200-578-6 |
| Glycerin | Commercial secrets | 56-81-5 | 200-289-5 |
| Propylene Glycol | Commercial secrets | 57-55-6 | 200-338-0 |
| Acrylic acid Polymers | Commercial secrets | 9003-01-4 | 202-415-4 |
| Triethanolamine | Commercial secrets | 102-71-6 | 203-049-8 |
| Water | Commercial secrets | 7732-18-5 | 231-791-2 |

Section 4 First Aid Measures

> Description of First Aid Measures

General Advice Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.

Skin Contact Take off contaminated clothing and shoes immediately. Wash off with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.

Ingestion Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.

| | |
|-----------------------------------|---|
| Inhalation | Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately. |
| Protecting of First-aiders | Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination. |

> **Most Important Symptoms and Effects, both Acute and Delayed**

- 1 Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure.

> **Indication of Any Immediate Medical Attention and Special Treatment Needed**

- 1 Treat symptomatically.
- 2 Symptoms may be delayed.

Section 5 Fire Fighting Measures

> Extinguishing Media

Suitable Extinguishing Media

Dry chemical, carbon dioxide or alcohol-resistant foam.

Unsuitable Extinguishing Media

Do not use a solid water stream as it may scatter or spread fire.

> Specific Hazards Arising from the Substance or Mixture

- 1 Will form explosive mixtures with air.
- 2 Fire exposed containers may vent contents through pressure relief valves thereby increasing fire intensity and/ or vapour concentration.
- 3 Vapours may travel to source of ignition and flash back.
- 4 Liquid and vapour are flammable.
- 5 Containers may explode when heated.
- 6 Fire exposed containers may vent contents through pressure relief valves.
- 7 May expansion or decompose explosively when heated or involved in fire.

> Advice for Firefighters

- 1 As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.
- 2 Fight fire from a safe distance, with adequate cover.
- 3 Prevent fire extinguishing water from contaminating surface water or the ground water system.

Section 6 Accidental Release Measure

> Personal Precautions, Protective Equipment and Emergency Procedures

- 1 Avoid breathing vapors and contacting with skin and eye.
- 2 Beware of vapours accumulating to form explosive concentrations.
- 3 Vapours can accumulate in low areas.
- 4 Emergency personnel wear positive pressure self-contained breathing apparatus. Wear protective and anti-static clothing. Wear chemical impermeable gloves.
- 5 Ensure adequate ventilation. Remove all sources of ignition.
- 6 Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
- 7 Use personal protective equipment. Avoid breathing vapours, mist, gas or dust.

> Environmental Precautions

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

E

> Methods and Materials for Containment and Cleaning Up

- 1 Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.
- 2 Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.
- 3 Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.

Section 7 Handling and Storage

> Precautions for Handling

- 1 Avoid inhalation of vapors.
- 2 Use only non-sparking tools.
- 3 To prevent fire caused by electrostatic discharge steam, equipment on all metal parts should be grounded.
- 4 Use explosion proof equipment.
- 5 Handling is performed in a well ventilated place.
- 6 Wear suitable protective equipment.
- 7 Avoid contact with skin and eyes.
- 8 Keep away from heat/sparks/open flames/ hot surfaces.
- 9 Take precautionary measures against static discharges.

> Precautions for Storage

- 1 Keep containers tightly closed.
- 2 Keep containers in a dry, cool and well-ventilated place.
- 3 Keep away from heat/sparks/open flames/ hot surfaces.
- 4 Store away from incompatible materials and foodstuff containers.

Section 8 Exposure Controls/Personal Protection

> Control Parameters

Occupational Exposure Limit Values

| Component | Country/Region | Limit Value - Eight Hours | | Limit Value - Short Term | |
|---------------------------------|----------------|---------------------------|-------------------|--------------------------|-------------------|
| | | ppm | mg/m ³ | ppm | mg/m ³ |
| Ethanol 64-17-5 | USA - OSHA | 1000 | 1900 | - | - |
| | South Korea | 1000 | 1900 | - | - |
| | Ireland | - | - | 1000 | - |
| | Germany (AGS) | 500 | 960 | 1000 | 1920 |
| | Denmark | 1000 | 1900 | 2000 | 3800 |
| | Australia | 1000 | 1880 | - | - |
| Triethanol amine 102-71-6 | Switzerland | - | 5 | - | 20 |
| | Sweden | 0.8 | 5 | 1.6 | 10 |
| | Ireland | - | 5 | - | - |

| | | | | | |
|--|---------------|-----|-----|---|------|
| | Germany (DFG) | - | 5 | - | E 20 |
| | Denmark | 0.5 | 3.1 | 1 | 6.2 |
| | Australia | - | 5 | - | - |

Biological Limit Values

No information available

Monitoring Methods

- 1 EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.
- 2 GBZ/T 160 Determination of toxic substances in workplace air(Series effective standard)and GBZ/T 300 Determination of toxic substances in workplace air(Series standard).

> Engineering Controls

- 1 Ensure adequate ventilation, especially in confined areas.
- 2 Ensure that eyewash stations and safety showers are close to the workstation location.
- 3 Use explosion-proof electrical/ventilating/lighting/equipment.
- 4 Set up emergency exit and necessary risk-elimination area.

> Personal Protection Equipment

| | |
|---------------------------------|--|
| Eye Protection | Tightly fitting safety goggles (approved by EN 166(EU) or NIOSH (US). |
| Hand Protection | Wear protective gloves (such as butyl rubber) , passing the tests according to EN 374(EU),US F739 or AS/NZS 2161.1 standard. |
| Respiratory protection | If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges. |
| Skin and Body Protection | Wear fire/flare resistant/retardant clothing and antistatic boots. |

Section 9 Physical and Chemical Properties

| | |
|--|---|
| Appearance: colourless transparent liquid | Odor: No information available |
| Odor Threshold: No information available | pH: No information available |
| Melting Point/Freezing Point (°C): No information available | Initial Boiling Point and Boiling Range (°C): No information available |
| Flash Point (°C)(Closed Cup): 21 | Evaporation Rate: No information available |
| Flammability: Not applicable | Upper/lower explosive limits[%(v/v)]: Upper limit: No information available; Lower limit: No information available |
| Vapor Pressure (KPa): No information available | Relative Vapour Density(Air = 1): No information available |
| Relative Density(Water=1): No information available | Solubility: No information available |
| n-Octanol/Water Partition Coefficient: No information available | Auto-Ignition Temperature(°C): No information available |
| Decomposition Temperature (°C): No information available | Kinematic Viscosity (mm²/s): No information available |
| Particle characteristics: Not applicable | |

Section 10 Stability and Reactivity

| | |
|-------------------|---|
| Reactivity | Contact with incompatible substances can cause decomposition or other chemical reactions. |
|-------------------|---|

| | | |
|---|---|---|
| Chemical Stability | Stable under proper operation and storage conditions. | E |
| 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. | |

Section 11 Toxicological Information

> Acute Toxicity

| Component | CAS No. | LD ₅₀ (Oral) | LD ₅₀ (Dermal) | LC ₅₀ (Inhalation, 4h) |
|-----------------------|-----------|-------------------------|---------------------------|-----------------------------------|
| Acrylic acid Polymers | 9003-01-4 | 2500mg/kg(Rat) | No information available | No information available |
| Triethanola mine | 102-71-6 | 5846mg/kg(Mouse) | No information available | No information available |
| Ethanol | 64-17-5 | 7060mg/kg(Rat) | No information available | 39mg/L(Mouse) |
| Glycerin | 56-81-5 | 31500mg/kg(Rat) | No information available | No information available |
| Propylene Gylcol | 57-55-6 | 20000mg/kg(Rat) | No information available | 32000mg/kg(Mouse) |

> Skin Corrosion/Irritation

No information available

> Serious Eye Damage/Irritation

No information available

> Skin Sensitization

No information available

> Respiratory Sensitization

No information available

> Germ Cell Mutagenicity

No information available

> Carcinogenicity

| ID | CAS No. | Component | IARC | NTP |
|----|---------|-----------|------|-----|
|----|---------|-----------|------|-----|

| | | | | |
|---|-----------|-----------------------|------------|------------|
| 1 | 64-17-5 | Ethanol | Category 1 | Not Listed |
| 2 | 9003-01-4 | Acrylic acid Polymers | Category 3 | Not Listed |
| 3 | 102-71-6 | Triethanolamine | Category 3 | Not Listed |
| 4 | 7732-18-5 | Water | Not Listed | Not Listed |

> **Reproductive Toxicity**

No information available

> **Reproductive Toxicity (Additional)**

No information available

> **STOT-Single Exposure**

No information available

> **STOT-Repeated Exposure**

No information available

> **Aspiration Hazard**

No information available

Section 12 Ecological Information

> **Acute Aquatic Toxicity**

| Component | CAS No. | Fish | Crustaceans | Algae |
|-----------------|----------|--|-----------------------------------|--------------------------|
| Triethanolamine | 102-71-6 | LC ₅₀ : 11800mg/L (96h)(Fish) | EC ₅₀ : 610mg/L (48h) | No information available |
| Ethanol | 64-17-5 | LC ₅₀ : 11000mg/L (96h)(Fish) | EC ₅₀ : 9950mg/L (48h) | No information available |

> **Chronic Aquatic Toxicity**

No information available

> **Others**

Persistence and Degradability
Bioaccumulative Potential

No information available

No information available

Mobility in Soil

No information available

Results of PBT and vPvB Assessment

Ethanol does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.

Acrylic acid Polymers does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.

Trolamine does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.

Water does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.

Section 13 Disposal Considerations

| | |
|-------------------------------|--|
| Waste Chemicals | Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal. |
| Contaminated Packaging | Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible. |

| | |
|---------------------------------|---------------------------------|
| Disposal Recommendations | Refer to section 13.1 and 13.2. |
|---------------------------------|---------------------------------|

Section 14 Transport Information



| | |
|--|---|
| Marine pollutant | None |
| UN Number | 1170 |
| UN Proper Shipping Name | ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION) |
| Transport Hazard Class | 3 |
| Transport Subsidiary Hazard Class | NONE |
| Packing Group | II |

Section 15 Regulatory Information

> International Chemical Inventory

| Component | EINECS | TSCA | DSL | IECSC | NZIoC | PICCS | KECI | AICS | ENCS |
|-----------------------|--------|------|-----|-------|-------|-------|------|------|------|
| Ethanol | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Acrylic acid Polymers | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✓ | ✓ |
| Triethanolamine | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Glycerin | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Propylene Glycol | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Water | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |

【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

"✓" Indicates that the substance included in the regulations

"✗" That no data or included in the regulations

Section 16 Additional Information

| | |
|----------------------------|------------|
| Creation Date | 2020/03/04 |
| Revision Date | 2020/03/04 |
| Reason for Revision | - |

> Disclaimer

This Safety Data Sheet (SDS) was prepared according to UN GHS (the 7th revised edition). The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user' s reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

化学品安全说明书
MATERIAL SAFETY DATA SHEET

申请商/Applicant : Ashtel Studios Inc.
地址/Address : 1610 E. Philadelphia St., Ontario CA, 91761
产品/Product : 75%乙醇免洗手消毒凝胶
编制/Prepared by : 深圳市一诺检验认证有限公司
Shenzhen A Commitment Inspection&Certificate Co.,LTD.
地址/Address : 深圳市龙岗区龙岗街道鹏达路164-165号
No.164-165, Pengda Road, Longgang Street, Longgang District, Shenzhen
报告编号/Report No. : ACIC20200310043RTH

***** 详情见后页/ FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****

签名/Signed for and on behalf of ACIC

检验:

Tested By:

Mark

审核:

Examine By:

Irene

批准:

Approved By:

Dick Zhang

日期:

Date:

Mar. 21, 2020



1.产品信息/SECTION 1.CHEMICAL PRODUCT INFORMATION

- 申请商/Applicant : Ashtel Studios Inc.
 - 地址/Address : 1610 E. Philadelphia St., Ontario CA, 91761
 制造商/Manufacturer : Ashtel Studios Inc.
 - 地址 Address : 1610 E. Philadelphia St., Ontario CA, 91761
 - 产品名称/Product name : 75%乙醇免洗手消毒凝胶
 - 型号/Model : 80g/500g
 - 商标/Mark : AQ
 - 电话/TEL : 1-909-247-2790
 - 传真/Fax : 1-909-247-2790
 - 邮件/E-mail : sales@ashtelstudios.com

2.成分/SECTION 2. COMPOSITION /HAZARDOUS INGREDIENTS

| 化学名称/Ingredient Name | CAS No. | 比例/scale % |
|----------------------|-----------|------------|
| 乙醇 | 64-17-5 | 75 |
| 水 | 7732-18-5 | 23.8 |
| 三乙醇胺 | 102-71-6 | 0.8 |
| 卡波姆 | 9062-04-8 | 0.4 |

3.危险性概述/SECTION 3.HAZARDS IDENTIFICATION

眼睛接触/Eyes: 接触可能刺激眼睛
 皮肤接触/Skin: 可能引起皮肤过敏反应
 吸入/Inhalation: 吸入有害。可能对粘膜和呼吸道有刺激性
 吞入/Ingestion: 吞咽有害

4.急救措施/SECTION 4. FIRST AID MEASURES

眼睛接触/Eye contact: 如果刺激到眼睛, 用清水清洗, 若更为严重请就医
 皮肤接触/Skin contact: 用肥皂和水清洗皮肤
 吸入/Inhalation: 如果感到不适, 请立即就医
 吞入/Ingestion: 如果吞入, 有任何不适请就医。

5. 消防措施/SECTION 5. FIGHTING MEASURES

易燃物/Flammable perties: 是
灭火介质/Extinguishing media: 沙子, 二氧化碳, 干粉

6. 泄露应急处理/SECTION 6. ACCIDENTAL RELEASE MEASURES

预防措施/Personal precautions: 装置密封容器内, 避免泄露
环保措施/Environmental precautions: 少量泄露时用适当物质吸附, 大量泄露时可用水冲洗, 妥善处理

7. 操作处置和存储/SECTION 7. HANDING AND STORAGE

操作处置/Handling: 注意通风, 轻装轻卸, 防止包装及容器损坏。生产、储存、施工区域严禁吸烟。
存储/Storage: 储存于凉爽或通风良好处, 并远离不相容物质及点火源。

8 接触控制和个人保护/SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

工程措施/Engineering Controls: 提供良好通风存储条件, 远离火源。
个人措施/Personal Protection: 一般不需要特殊保护, 避免接触眼睛, 吞入。

9 理化性质/SECTION 9. PHYSICAL AND CHEMICAL PROPERTIED

| | | | |
|----------------------|----|----------------------|-------|
| 物理状态/Physical State: | 液体 | 溶解性/Solubility water | 100%. |
| 颜色/Color : | 白色 | 沸点/Boiling point : | 78 °C |
| 气味/Odor: | 无 | 闪点/Flash point : | 12 °C |

10. 稳定性和反应性/SECTION 10. STABILITY AND REACTIVITY

化学稳定性/Chemical stability : 容易挥发

11. 毒理学资料/SECTION 11 - TOXICOLOGICAL INFORMATION

健康影响/health effects : 对呼吸系统会有刺激

12. 生态学资料/SECTION 12 - ECOLOGICAL INFORMATION

生态毒性/Ecotoxicity: 不会有不良反应。

13. 废弃处置/SECTION 13- DISPOSAL CONSIDERATIONS

废物处理/Waste Disposal: 废物必须按照当地法规条例处置

14. 运输信息/SECTION 14. TRANSPORT INFORMATION

运输/Transport: 按当地的法规、陆运或海运法规运输。

15. 法规信息/SECTION 15 - REGULATORY INFORMATION

法规信息:

《危险品规则》
《货物运输规则》
《国际危险品海运规则》

16 其他信息/SECTION 16- Other information

以上信息是基于我们所知道的数据，并被认为是正确的，但是由于在此数据之后提供的数据可能意味着对信息的修改，我们不对其使用的结果承担任何责任，接受资料的人须自行决定该物料是否适合其特定用途。

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1. Identification of the substance/mixture and of the company

1.1 Product identifier

Product name : Alcohol hand sanitizer .

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

Use of the product : Use for personal skin cleaning.

Uses advised against: Use only as directed.

1.3 Details of the supplier of the material safety data sheet

Company : Ashtel Studios Inc.
Address : 1610 Philadelphia St.
Ontario, CA 91761

Emergency Tel No. : 909-434-0911
Emergency Fax No. : 909-47-790

2. Hazards identification

In accordance with Regulation (EC) No. 1272/2008, the sample is divided into the following hazard category.

GHS classification : Flammable liquid, Category 2

Physical hazard : Flammable liquid, Category 2, H228

Health hazard : Eye irritation (Category 2), H319

Environment hazard : Not classified as an environment hazard class.

Pictogram : 

Signal word : Danger

Hazard statement : Highly flammable liquids and vapours
H228 Flammable liquid.
H319 Causes serious eye irritation.

Precautionary statement:

Prevention

P210 Keep away from heat sources, hot surfaces, sparks, open flames and other ignition sources.

No Smoking.

P233 Keep container closed.

P240 Grounding and equipotential connection of container and loading equipment

P241 Use explosion-proof electrical / ventilation / lighting equipment.

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P242 Use non sparking tools.

P243 Take action to prevent electrostatic discharge.

P280 Wear protective gloves/protective clothing /eye mask.

3. Composition/information on ingredients

3.1 Ingredients

| INCI NAME | CAS No | Percentage - %-v/v |
|-----------------------------|------------|-----------------------|
| ALCOHOL | 64-17-5 | 62 |
| AQUA(WATER) | 7732-18-5 | 36.307916 |
| ISOPROPYL ALCOHOL | 67-63-0 | 0.5 |
| GLYCERIN | 56-81-5 | 0.5 |
| CARBOMER | 9007-16-3 | 0.26 |
| AMINOMETHYL PROPANOL | 124-68-5 | 0.08 |
| PARFUM | N/A | 0.15 |
| PROPYLENE GLYCOL | 57-55-6 | 0.1 |
| ISOPROPYL MYRISTATE | 110-27-0 | 0.001 |
| ALOE BARBADENSIS LEAF JUICE | 85507-69-3 | 0.1 |
| TOCOPHERYL ACETATE | 58-95-7 | 0.001 |
| YELLOW 5 | 1934-21-0 | 0.00006 |
| BLUE 1 | 2650-18-2 | 0.000024 |

*The exact weight (%) of composition has been withheld as a trade secret.

4. First aid measures

4.1 Description of first aid measures

General advice : No hazards which require special first aid measures.

If inhaled : Move to fresh air. If symptoms persist, call a physician.

In case of eye contact : Wash off with plenty of water. Keep eye wide open while rinsing. Remove contact lenses. Protect unharmed eye. If symptoms persist, get medical attention.

If swallowed : Clean mouth with water and drink afterwards plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : No specific symptoms known.

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5. Firefighting measures

5.1 Suitable extinguishing media

Dry powder, "alcohol resistant" foam, blanket or carbon dioxide; water may be ineffective, but water applied as a spray can absorb some of the fire's heat and should be used to keep fire-exposed containers cool.

5.2 Unsuitable extinguishing media

CAUTION: use of water spray when fighting fire may be inefficient.

5.3 Specific hazards arising from the chemical

Risk of ignition. Keep product and empty container away from heat and sources of ignition.

In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

5.4 Explosion data:

Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge: Yes.

Fire Fighting Equipment/Instructions: Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self-contained breathing apparatus.

Products of Combustion: Upon decomposition this product may emit carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.

NFPA Rating: Health:0 Fire:0 Instability:0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Use personal protective equipment as required. See Section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

6.2 Environmental precautions

Try to prevent the material from entering drains or water courses. Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

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6.3 Methods and materials for containment and cleaning up

Wipe up with absorbent material (e.g. cloth, fleece).

Keep in suitable, closed containers for disposal. Use spark-proof tools to sweep or scrape up and containerize in approved chemical waste container. Wash spill area.

6.4 Reference to other sections

For personal protection see section 8.

For disposal considerations see section 13.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.

Advice on protection against fire and explosion : Product will burn under fire conditions.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Protect from humidity.
Keep container tightly closed and dry. Keep away from heat, sparks, flame and other sources of ignition.

Advice on common storage : No special restrictions on storage with other products.

Storage temperature : Under normal temperature.

7.3 Specific end use(s)

Specific end use(s) : Not applicable

8. Exposure controls/personal protection

8.1 Control Parameters

Exposure Guidelines: There is no exposure data pertaining to the Product. This section reflects exposure data pertaining to individual ingredients.

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA

PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH

Immediately Dangerous to Life or Health

Other Exposure Guidelines: Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

8.2 Appropriate Engineering Controls

Engineering Measures: showers, eyewash stations, ventilation systems

8.3 Individual Protection Measures, such as Personal Protective Equipment

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Eye/Face Protection: Tight sealing safety goggles.

Skin and Body Protection: Wear protective gloves and protective clothing. Long sleeved clothing.

Chemical resistant apron. Impervious gloves. Antistatic boots.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended.

Wash hands before breaks and immediately after handling the product.

8.4 Personal Protective Equipment (PPE)

Eye/Face Protection: None needed under normal use.

Skin Protection: None needed under normal use.

Respiratory Protection: None needed under normal use.

General Hygiene Considerations: None needed under normal use.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | | |
|-----------------------------|---|---|
| Appearance | : | Transparent slightly viscous liquid. |
| Colour | : | Characteristic color. |
| Odour | : | Characteristic odor. |
| Odour Threshold | : | No information available. |
| pH | : | 5~ 8 (at 25°C, 10% water solution). |
| Freezing point | : | Not determined. |
| Boiling point/boiling range | : | >45 °C .(at 1030 hPa; OECD Test Guideline 103). |
| Flash point | : | <17°C. |
| Evaporation rate | : | Not determined. |
| Lower explosion limit | : | Not determined. |
| Upper explosion limit | : | Not determined. |
| Vapour pressure | : | No information available. |
| Relative vapour density | : | No information available. |
| Density | : | 0.85-0.95 g/cm ³ . (at 25 °C). |
| Water solubility | : | Easily soluble .(22 °C; OECD Test Guideline 105). |

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Solubility in other solvents :

Methanol : Easily soluble.

Ethanol : Easily soluble.

Diethylether : Slightly soluble.

Oils and fats : Insoluble.

Auto-ignition temperature : Not available.

Ignition temperature : Not determined.

Thermal decomposition

Viscosity, dynamic(3#12r/min) : 8000~20000 mPa·s .(at 25 °C).

Explosive properties : Not available.

Oxidizing properties : Not available.

9.2 Other information

No other information.

10. Stability and reactivity

10.1 Reactivity

No hazards to be specially mentioned.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Possible incompatibility with materials listed under section 10.5.

10.4 Conditions to avoid

Heat and straight sunlight.

10.5 Incompatible materials

Strong acids and strong bases.

Strong oxidizing agents.

10.6 Hazardous decomposition products

No decomposition if used as directed.

11. Toxicological information

*There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.

11.1 Information on likely routes of exposure

Inhalation : Specific test data for the substance or mixture is not available.

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Eye contact : Specific test data for the substance or mixture is not available.

Skin contact : Specific test data for the substance or mixture is not available.

Ingestion : Specific test data for the substance or mixture is not available.

11.2 Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|-----------------------------|----------------------|-----------------------------|---------------------------|
| Alcohol 64-17-5 | = 7060 mg/kg (Rat) | - | = 124.7 mg/L (Rat) 4 h |
| Glycerin 56-81-5 | 27,200 mg/kg (Rat) | > 56,750 mg/kg(Guinea pigs) | > 2.75 mg/kg (4 h)(Rat) |
| PROPYLENE GLYCOL 57-55-6 | 22 000 mg/kg(Rat) | > 2 000 mg/kg (rabbit) | / |

11.3 Information on toxicological effects

Symptoms :No information available.

11.4 Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization : No information available.

Mutagenic Effects : No information available.

Carcinogenicity : The table below indicates whether each agency has listed any ingredient as a carcinogen.Ethanol has been shown to be carcinogenic in long-term studies ONLY when consumed as alcoholic beverage.

ACGIH (American Conference of Governmental Industrial Hygienists) : A3 – Animal Carcinogen

IARC (International Agency for Research on Cancer):

Group 1 - Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

NTP (National Toxicology Program) : Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor) : X - Present

Reproductive toxicity : No information available.

STOT - single exposure : No information available.

STOT - repeated exposure : No information available.

Chronic Toxicity : No known effect based on information supplied.

Target Organ Effects : None known.

Aspiration Hazard : No information available.

12. Ecological information

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*There is no ecological data on the product. The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

12.1 Ecotoxicity : Not toxic to aquatic organisms.

12.2 Persistence and degradability : No information available.

12.3 Bioaccumulation : No information available.

12.4 Other adverse effects : No information available.

13. Disposal considerations

13.1 Disposal Methods

Consult federal, state and local regulations, and dispose in compliance with these regulations.

EPA Hazardous Waste: Liquid waste is classified as an ignitable waste. Spill residues, including absorbent used to absorb spills may be hazardous waste. Consult with a reliable hazardous waste disposal firm or with local and state authorities.

13.2 Contaminated Packaging: Dispose of contents/containers in accordance with legal regulations.

13.3 US EPA Waste Number: No information available

13.4 California Hazardous Waste Codes: No information available

This product contains no substances that are listed within the State of California as a hazardous waste.

14. Transport information

UN number: 1170

Proper shipping name: Ethanol solution

Transport hazard class: Class III flammable objects

Packing group: II

Transportation precautions : Carry protective equipment and fire extinguisher. Check containers for leaks before shipping and loading. Proper measures shall be taken to prevent easy damage during transportation. Protection from sun, rain and high temperature. Do not transport with strong oxidizer. Comply with relevant regulations of ICAO, IMDG, RID, ADR, AND during transportation.

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

NFPA Classification : Health hazard : 0
Fire Hazard : 1
Reactivity Hazard : 0

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15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this substance.

15.3 International Inventories

TSCA Complies

DSL All components are listed either on the DSL or NDSL.

IECSC -

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

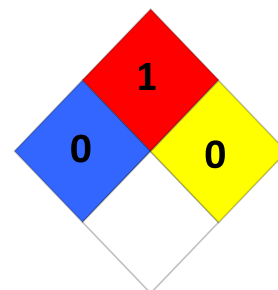
SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA).

This product does not contain any

chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act): This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40CFR 122.42)

CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.



16. Other information

16.1 General Disclaimer

The data contained within this MSDS is believed to be accurate and is given in good faith. No warranty, expressed or implied is made. Nothing within this document constitutes medical advice. Since use conditions vary unforeseeably, an industrial health and safety professional should evaluate specific industrial use conditions.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

This Material Safety Data Sheet (MSDS) is for guidance and is based upon information and tests believed to be reliable. RJS Standard Testing & Certification Center makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating there to. The data is offered

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solely for your consideration, investigation, and verification. RJS Standard Testing & Certification Center assumes no legal responsibility for use or reliance upon this data.

16.2 Prepared by: Ashtel Studios Inc.

Issuing Date : 2020.05.12

Revision Date

Revision Number 1

Section 1 – Identification of the product and the company

1.1 Product identifier

Product Name: 62% Ethanol+Hand Sanitizer Gel

Item#:

1.2 Relevant identified uses of the mixture and uses advised against

Normal use of the mixture: Hand Sanitizer Gel

Recommended restrictions on use: -

1.3 Details of the supplier of the safety data sheet

Supplier Name: Ashtel Studios Inc.

Supplier Address: 1610 E. Philadelphia St, Ontario, CA 91761.

Emergency Telephone Number: 1-909-247-2790

Section 2 - Hazard(s) Information

Hazard class and label elements of the substance according to GHS(the fifth revised edition):

GHS hazard class

| | | |
|---------------------------|---|-------------|
| Physical hazard(s) | Flammable liquids | category 2 |
| Health hazard(s) | Skin corrosion/irritation | category 2 |
| | Serious eye damage/eye irritation | category 2A |
| | Specific target organ toxicity,single exposure; | |
| | Respiratory tract irritation | category 3 |
| | Specific target organ toxicity,single exposure | category 2 |

2.1 Classification of the mixture

Pictogram



Signal word: Danger

2.2 Precautionary statements (GHS-US)

- H225 -Highly flammable liquid and vapour
- H302 -Harmful if swallowed
- H315 -Causes skin irritation
- H318 -Causes serious eye damage
- H319 -Causes serious eye irritation
- P102 -Keep out of reach of children.
- P103 -Read label before use.
- P333+P313 -IF skin irritation or rash occurs: Get medical advice/attention.

Response

- P303+P361+P353 I-F ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P304+P340 -IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 -IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308+P311 -IF exposed or concerned: Call a POISON CENTER/doctor.
- P312 -Call a POISON CENTER/doctor/if you feel unwell.
- P332+P313 -IF skin irritation occurs: Get medical advice/attention.

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P337+P313 -IF eye irritation persists: Get medical advice/attention.

P362+P364 -Take off contaminated clothing and wash it before reuse.

Storage

P403+P233 -Store in a well-ventilated place. Keep container tightly closed.

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

P405 -Store locked up.

Disposal

P501 -Dispose of contents/container in accordance with local/regional/national/
international regulations.

2.3. Other hazards

No information available.

2.4. Unknown acute toxicity (GHS-US)

No information available.

Section 3- Composition/Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

3.1 Substance

| INCI | CAS No. | % Total |
|---|-----------|----------|
| ALCOHOL | 64-17-5 | 62.00000 |
| AQUA | 7732-18-5 | 32.54938 |
| GLYCERIN | 56-81-5 | 5.00000 |
| ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER | - | 0.35000 |

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| | | |
|-----------------------------|------------|-----------|
| AMINOMETHYL PROPANOL | 124-68-5 | 0.07640 |
| TOCOPHERYL ACETATE | 58-95-7 | 0.01000 |
| ALOE BARBADENSIS LEAF JUICE | 94349-62-9 | 0.00500 |
| MALTODEXTRIN | 9050-36-6 | 0.00490 |
| POTASSIUM SORBATE | 24634-61-5 | 0.00005 |
| SODIUM BENZOATE | 532-32-1 | 0.00005 |
| CI 42090 | 3844-45-9 | 0.00276 |
| CI 19140 | 1934-21-0 | 0.00146 |
| | | 100.00000 |

Section 4- First-Aid Measures

4.1. Description of first aid measures

- Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
- Skin Contact:** Wash skin with soap and water.
- Inhalation:** Remove to fresh air.
- Ingestion:** Rinse mouth immediately and drink plenty of water.

4.2. Most important symptoms and effects, both acute and delayed

No information available

Section 5- Fire-Fighting Measures

5.1. Extinguishing media

- Hazardous products of combustion** Carbon oxides
- Extinguishing method** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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Special protective equipment

Wear self contained breathing apparatus for fire fighting if necessary.

5.2. Special hazards arising from the substance or mixture

No information available

5.3. Advice for firefighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus(SCBA) with a full face-piece operated in positive pressure mode.

Section 6- Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapour accumulating to form explosive concentrations. Vapours can accumulate in low areas.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3. Methods and material for containment and cleaning up

Pick up and arrange disposal. Keep in suitable, closed containers for disposal.

6.4. Reference to other sections

No information available

Section 7- Handling and Storage

Handling : Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition-No smoking. Take measures to prevent the build up of electrostatic charge.

Storage : Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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Section 8- Exposure Controls/Personal Protection

| | |
|---------------------------------------|--|
| <u>Engineering Controls :</u> | Safety shower and eye bath. Mechanical exhaust required. |
| <u>Respiratory protection:</u> | Use a full-face supplied air respirator. |
| <u>Eye protection:</u> | Wear impervious chemical resistant gloves |
| <u>Body protection :</u> | Protective work clothing |

Section 9- Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

| | |
|-------------------------------------|---------------------------------|
| <u>Physical Form:</u> | Gel |
| <u>Odor:</u> | Pungent Odor |
| <u>Solubility:</u> | Insoluble in water |
| <u>Stability:</u> | Stable(under normal conditions) |
| <u>Aerobic Plate Count:</u> | <100CFU/g |
| <u>Mold&Yeast Count:</u> | <10CFU/g |
| <u>Escherichia Coli:</u> | Negative |

9.2. Other Information

Flash Point: 23° C

Section 10- Stability and Reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

Stable under recommended storage conditions.

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10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazard reactions will not occur.

10.4. Conditions to avoid

Heat, flames and sparks. Extremes of temperature and direct sunlight.

10.5. Incompatible materials

Alkali metals, Ammonia, Oxidizing agents, Peroxides

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11- Toxicological Information

| | |
|---|---|
| <u>Acute toxicity :</u> | No data available |
| <u>Skin corrosion/irritation:</u> | Cause skin irritation |
| <u>Serious eye damage/eye irritation:</u> | Cause serious eye irritation |
| <u>Respiratory or skin sensitization :</u> | No data available |
| <u>Germ cell mutagenicity :</u> | No data available |
| <u>Carcinogenicity:</u> | Ethanol(CAS No: 64-17-5): Group 1 Carcinogenic to humans (IARC) |
| <u>Reproductive toxicity:</u> | No data available |
| <u>Specific target organ toxicity-single exposure:</u> | May cause respiratory irritation. May cause damage to organs. |
| <u>Specific target organ toxicity-repeated exposure:</u> | No data available |
| <u>Aspiration hazard:</u> | No data available |

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Section 12- Ecological Information

12.1. Toxicity

No known significant effects or critical hazards.

12.2. Persistence and degradability

No information available.

12.3. Bio-accumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Other adverse effects

No information available.

Section 13- Disposal Considerations

13.1. Waste treatment methods

Waste from residues/unused products : Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging : Empty containers should be taken for local recycling, recovery or waste disposal.

13.2 Other information

No information available.

Section 14- Transport Information

UN number : 1170

Issuing Date : 2020.05.12

Revision Date

Revision Number 1

UN proper shipping name: ETHANOL(ETHYL ALCOHOL)

Transportation primary hazard class: 3

Transportation secondary hazard class:-

Packing group: II

Section 15- Regulatory Information

| Component | CHINA | TSCA | ENCS | EINECS |
|-----------|-------|------|------|--------|
| Ethanol | √ | √ | √ | √ |

Note1:

CHINA-China Inventory of Existing Chemical Substances(IECSC)

TSCA-United States Inventory of Toxic Substances Control Act Chemical Substances (TSCA)

ENCS-Japan Existing and New Chemical Substances(ENCS)

EINECS-European Inventory of Existing Commercial Chemical Substances(EINECS)

Section 16- Other Information

Other information: This Safety Data Sheet (SDS) was prepared according to UN GHS (the fifth revised edition) and the information included is based on the present state of our knowledge. However, the information is provided without any warranty, express or implied, regarding its correctness and is only for users reference. Users should make their independent judgement of suitability of these information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.



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INSPECTION
CNAS IB0071



NO.2620030221

SAFETY DATA SHEET

Product Name: Hand Sanitizer Gel

Effective Date: 2020-03-31

Compiler: Zhoujuefei

Checker: Dongxuesheng

Approver: Zhangxiuqin



Shanghai Research Institute of Chemical Industry Testing Co., Ltd.



SAFETY DATA SHEET

Hand Sanitizer Gel

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name: Hand Sanitizer Gel
Company: Ashtel Studios Inc.
Address: 1610 E. Philadelphia St.
Ontario, CA 91761
Email: sales@ashtelstudios.com
Fax: 1-909-247-2790
Emergency Phone: 1-877-274-8358
SDS Number: 2620030221
Effective Date: 2020-03-31

SECTION2 HAZARDS IDENTIFICATION

GHS Classification:

Physical Hazards:

Flammable liquids Category 3

Health Hazards:

Serious eye damage/eye irritation Category 2A

Reproductive toxicity Category 1A

Specific target organ toxicity - Single exposure Category 3 (Respiratory tract irritation, Narcotic effects)

Specific target organ toxicity - Repeated exposure Category 1 (Liver)

Specific target organ toxicity - Repeated exposure Category 2 (Central Nervous System)

Environmental Hazards:

Classification not possible

The hazards not mentioned are not applicable or no data available.

GHS Labelling:

Pictogram:



**Signal Word:**

Danger

Hazard Statements:

- H226 Flammable liquid and vapour.
- H319 Causes serious eye irritation.
- H360 May damage fertility or the unborn child.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H372 Causes damage to organs through prolonged or repeated exposure(Liver).
- H373 May cause damage to organs through prolonged or repeated exposure(Central Nervous System) .

Prevention Precautionary 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.
- P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
- P264 Wash thoroughly after handling.
- P203 Obtain, read and follow all safety instructions before use.
- P271 Use only outdoors or in a well-ventilated area.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P270 Do not eat, drink or smoke when using this product.

Response Precautionary Statements:

- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water [or shower].
- P370+P378 In case of fire: Use Dry chemical, Water spray, Carbon dioxide or appropriate foam to extinguish.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P317 If eye irritation persists: Get medical help.
- P318 IF exposed or concerned, get medical advice.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Storage Precautionary Statements:

- P403+P235+P233 Store in a well-ventilated place. Keep cool.Keep container tightly closed.
- P405 Store locked up.

Disposal Precautionary Statements:

- P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

Other Hazards:

This product contains 0.9% of ingredients, with no data or information for classification, and may have potentially unknown hazards to human health and the environment.

SECTION3 INFORMATION ON INGREDIENTS

Product name: Hand Sanitizer Gel

| Ingredient | Concentration | CAS No. | EC No. |
|---------------------|----------------------|----------------|---------------|
| Ethanol | 62% | 64-17-5 | 200-578-6 |
| Water | 33.58% | 7732-18-5 | 231-791-2 |
| Glycerin | 3% | 56-81-5 | 200-289-5 |
| Carbomer | 0.8% | 9007-17-4 | / |
| Aminomethylpropanol | 0.52% | 124-68-5 | 204-709-8 |
| Essence | 0.1% | / | / |

SECTION4 FIRST-AID MEASURES**Skin Exposure:**

If skin irritation occurs, call a physician.

Eye Exposure:

In case of contact with eyes, immediately flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, Call a physician.

Inhalation Exposure:

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Oral Exposure:

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Most important symptoms and effects, both acute and delayed:

No data available.

Indication of any immediate medical attention and special treatment needed:

No data available.

SECTION5 FIRE FIGHTING MEASURES**Extinguishing Media:**

Suitable: Dry chemical, Water spray, Carbon dioxide or appropriate foam.

Special hazards arising from the substance or mixture:

Flammable liquid and vapour. May decompose upon combustion or in high temperatures to generate Carbon oxides, Nitrogen oxides.

Advice for firefighters:

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire-extinguishing work is done from the windward. Uninvolved persons should evacuate to a safe place. Keep containers cool by spraying with water.

SECTION6 ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures:**

Use personal protective equipment. Remove all sources of ignition. Avoid breathing vapors, mist or gas. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to noninvolved personnel should be controlled around the leakage area by roping off.

Environmental precautions:

Prevent further leakage or spillage if safe to do so. Avoid entering drains.

Methods and materials for containment and cleaning up:

Mix with inert material (e.g. dry sand, vermiculite) and transfer to a dry, clean, lidded container for disposal. Using non-sparking tools. Avoid inhalation. Ventilate area and wash spill site after material pickup is complete.

SECTION7 HANDLING AND STORAGE**Precautions for safe handling:**

Wear anti-electrostatic clothing and compatible protective gloves. Avoid inhalation. Avoid contact with eyes. Prevent generation of vapour or mist. Handling is performed in a well ventilated place. Keep away from ignition sources, heat and flame. Take measures to prevent the build up of electrostatic charge. Electrostatic charges may be generated during pumping. Ensure electrical continuity by bonding all equipment. Do not expose empty containers to heat, sparks or open flames. Incompatibilities: Alkali metals Oxidizing agents, Peroxides, combustible materials. Wash hands and face thoroughly after handling. No smoking at working site.

Conditions for safe storage, including any incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: Alkali metals, Oxidizing agents, Peroxides, combustible materials. Storage place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

SECTION8 EXPOSURE CONTROL/PPE**Control parameters:**

No data available.

Appropriate engineering controls:

Safety shower and eye bath. Mechanical exhaust required.

Personal Protective Equipment:

Respiratory: Wear government approved respirator.

Eye: Wear chemical safety glasses.

Clothing: Wear anti-electrostatic clothing.

Hand: Wear compatible protective gloves.

Other Protect:

No smoking, drinking and eating at working site. Wash thoroughly after handling.

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance: Colorless transparent viscous liquid

Odor: Weak odor

Odor Threshold: No data available

pH Value: 7.0-7.1 (1: 1 (water) solution)

Solubility(ies): Soluble in water

Melting Point/ No data available

Freezing Point:

Boiling Point, >50°C

**Initial Boiling
Point and Boiling**

Range:

Flash Point 23.0°C

(Closed Cup):

Density/Relative Density: No data available
Viscosity: No data available
Upper/Lower Flammability or Explosive Limits:
Vapor Pressure: No data available
Vapor Density: No data available
n-Octanol/Water Partition Coefficient: No data available
Autoignition Temperature: No data available
Decomposition Temperature: No data available
Evaporation Rate: No data available
Flammability (Solid, Gas): Not applicable

SECTION10 STABILITY AND REACTIVITY

Reactivity:

No data available.

Chemical stability:

Stable under normal temperatures and pressures.

Possibility of hazardous reactions:

No data available.

Conditions to avoid:

Heat, flames and sparks. Extremes of temperature and direct sunlight.

Incompatible materials:

Alkali metals, Oxidizing agents, Peroxides, combustible materials.

Hazardous Decomposition Products:

Carbon oxides, Nitrogen oxides.

SECTION11 TOXICOLOGICAL INFORMATION

Acute Toxicity:

Ethanol: Rat Oral LD₅₀: 7060 mg/kg Rat Inhalation LC₅₀: 20000 ppm/10H

Glycerin: Rat Oral LD₅₀: 12600 mg/kg Rat Inhalation LC₅₀: >570 mg/m³/1H Rabbit Dermal LD₅₀: >10000 mg/kg

Skin corrosion/irritation:

No data available.

Serious eye damage/irritation:

Causes serious eye irritation.

Respiratory Sensitization:

No data available.

Skin Sensitization:

No data available.

Germ Cell Mutagenicity:

No data available.

Carcinogenicity:

No data available.

Reproductive Toxicity:

May damage fertility or the unborn child.

Specific Target Organ Toxicity -Single Exposure:

May cause respiratory irritation.

May cause drowsiness or dizziness.

Specific Target Organ Toxicity -Repeated Exposure:

Causes damage to organs through prolonged or repeated exposure (Liver) .

May cause damage to organs through prolonged or repeated exposure (Central Nervous System).

Aspiration Hazard:

No data available.

SECTION12 ECOLOGICAL INFORMATION**Ecotoxicity:**

Ethanol:

Toxicity to fish LC₅₀ - Pimephales promelas (fathead minnow) - 14200 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates LC₅₀ - Ceriodaphnia dubia (water flea) - 5012 mg/l - 48 h

NOEC - Daphnia magna (Water flea) - 9.6 mg/l - 9 d

Toxicity to algae EC₅₀ - Chlorella vulgaris (Fresh water algae) - 275 mg/l - 72 h (OECD Test Guideline 201)

Persistence and Degradability:

No data available.

Bioaccumulative Potential:

No data available.

Mobility in soil:

No data available.

Other adverse effects:

No data available.

SECTION13 DISPOSAL CONSIDERATION**Appropriate Method of Disposal of Substance:**

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with and afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SECTION14 TRANSPORT INFORMATION

RID/ADR: Proper Shipping Name: Ethanol Solution
Hazard Class: 3
UN Number: UN1170
Packing Group: III

IATA DGR: Proper Shipping Name: Ethanol Solution
Hazard Class: 3
UN Number: UN1170
Packing Group: III

IMO IMDG Code: Proper Shipping Name: Ethanol Solution
Hazard Class: 3
UN Number: UN1170
Packing Group: III
EmS No. : F-E, S-D

SECTION15 REGULATORY INFORMATION

Regulation (EC) No.1272/2008 and its amendments:

- Flammable liquids Category 3
- Serious eye damage/eye irritation Category 2
- Reproductive toxicity Category 1A
- Specific target organ toxicity - Single exposure Category 3 (Respiratory tract irritation, Narcotic effects)
- Specific target organ toxicity - Repeated exposure Category 1 (Liver)
- Specific target organ toxicity - Repeated exposure Category 2 (Central Nervous System)

SECTION16 OTHER INFORMATION

Date:

2020-03-31

Department:

Shanghai Research Institute of Chemical Industry Testing Co., Ltd.
Tel (Fax) : +86-21-52815377/31765555

Revision:

0

Reference Standard:

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS), 8th revised edition

Other Information:

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