

75% Alcohol Spray 100ML

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations (According to HCS-2012 APPENDIX D TO §1910.1200)

Issue date: 04/15/2020

Revision date: 04/15/2020

Version: 1.1

SECTION 1: Identification

1.1. Identification

Product form : Article
Trade name : 75% Alcohol Spray 100ML

1.2. Recommended use and restrictions on use

Recommended use : Clean
Restrictions on use : No information available

1.3. Supplier

Supplier

American Hygienics Corporation
Building No.5、 6, Lane 3129 Shenzhuan Road, Sheshan, Songjiang District, Shanghai
201602
T 021-57669436
Yaoyu@amhygienics.com

1.4. Emergency telephone number

Emergency number : 021-57669436

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Flammable liquid

2.2. GHS Label elements, including precautionary statements

GHS US labelling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Flammable liquid-Ethanol solution
Hazard statements (GHS US) : Flammable liquid
Precautionary statements (GHS US) : Keep away from heat sources, hot surfaces, sparks, open flames, and other sources of ignition.No smoking.
Case and receiving equipment are grounded and equipotential connected.
Use explosion-proof [electrical/ventilation/lighting] equipment.
Use tools that do not generate sparks.
Take measures to prevent electrostatic discharge.
Clean thoroughly after work.
Wear protective gloves/protective clothing/protective eye mask/protective mask/hearing protection device.

2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification : No information available.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % |
|---------------|---------------------|--------|
| Ethyl alcohol | (CAS-No.) 64-17-5 | 75 |
| Water | (CAS-No.) 7732-18-5 | 24.449 |

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| Name | Product identifier | % |
|--|----------------------|-------|
| Glycerin | (CAS-No.) 56-81-5 | 0.5 |
| Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides | (CAS-No.) 63449-41-2 | 0.05 |
| Aloe vera, extract | (CAS-No.) 85507-69-3 | 0.001 |

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|---|
| First-aid measures general | : If you feel unwell, seek medical advice. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice. |
| First-aid measures after skin contact | : Not expected to present a significant skin hazard under anticipated conditions of normal use. Wash skin with plenty of water. |
| First-aid measures after eye contact | : Rinse eyes with water as a precaution. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion | : Rinse mouth. Call a poison center or a doctor if you feel unwell. |

4.2. Most important symptoms and effects (acute and delayed)

Most Important Symptoms/Effects : No information available.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

| | |
|--------------------------------|--|
| Suitable extinguishing media | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : No information available. |

5.2. Specific hazards arising from the chemical

| | |
|--|--------------------------------|
| Fire hazard | : Flammable. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |

5.3. Special protective equipment and precautions for fire-fighters

| | |
|--------------------------------|--|
| Firefighting instructions | : Eliminate all ignition sources if safe to do so. Wear personal protective equipment. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Avoid contact with eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|---|
| Methods for cleaning up | : Mechanically recover the product. |
| Other information | : Dispose of container at an authorized site. |

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|-------------------------------|---|
| Precautions for safe handling | : Ensure good ventilation of the work station. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. |
| Hygiene measures | : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. |

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool. Store in a dry place. Keep container tightly closed.
Incompatible materials : No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| | |
|--|---|
| 70% Alcohol Spray 100ML | |
| No additional information available | |
| Water (7732-18-5) | |
| No additional information available | |
| Ethyl alcohol (64-17-5) | |
| USA - ACGIH - Occupational Exposure Limits | |
| ACGIH STEL (ppm) | 1000 ppm |
| ACGIH chemical category | Confirmed Animal Carcinogen with Unknown Relevance to Humans |
| USA - OSHA - Occupational Exposure Limits | |
| OSHA PEL (TWA) (mg/m ³) | 1900 mg/m ³ |
| OSHA PEL (TWA) (ppm) | 1000 ppm |
| USA - IDLH - Occupational Exposure Limits | |
| US IDLH (ppm) | 3300 ppm (10% LEL) |
| USA - NIOSH - Occupational Exposure Limits | |
| NIOSH REL (TWA) (mg/m ³) | 1900 mg/m ³ |
| NIOSH REL (TWA) (ppm) | 1000 ppm |
| Glycerin (56-81-5) | |
| USA - OSHA - Occupational Exposure Limits | |
| OSHA PEL (TWA) (mg/m ³) | 15 mg/m ³ (mist, total particulate) 5 mg/m ³ (mist, respirable fraction) |
| Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides (63449-41-2) | |
| No additional information available | |
| Aloe vera, extract (85507-69-3) | |
| No additional information available | |

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

No special protection required under normal conditions.

Eye protection:

No special protection required under normal conditions.

Skin and body protection:

No special protection required under normal conditions.

Respiratory protection:

No special protection required under normal conditions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Fluid
Colour : Colorless transparent liquid
Odour : Weak odor
Odour threshold : No data available
pH : 4.0-8.0

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| | |
|---|--|
| Melting point | : No data available |
| Freezing point | : Not applicable |
| Boiling point | : >50 度 |
| Flash point | : <23 度 (close cup) |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Flammability (solid, gas) | : flammable liquid |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : No data available |
| Solubility | : Good |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature | : Not applicable |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive limits | : Not applicable |
| Explosive properties | : Not classified in Explosives |
| Oxidising properties | : Not classified in oxidizing substances and organic peroxides |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------|------------------|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| Water (7732-18-5) | |
|----------------------------|--|
| LD50 oral rat | > 90 ml/kg |
| Ethyl alcohol (64-17-5) | |
| LD50 oral rat | 7060 mg/kg |
| LC50 inhalation rat (mg/l) | 124.7 mg/l/4h |
| Glycerin (56-81-5) | |
| LD50 oral rat | 12600 mg/kg |
| LD50 dermal rabbit | > 10 g/kg |
| LC50 inhalation rat (mg/l) | > 570 mg/m ³ (Exposure time: 1 h) |

| | |
|-------------------------------|------------------|
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/irritation | : Not classified |

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| | |
|-----------------------------------|---------------------|
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |
| Viscosity, kinematic | : No data available |

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

| Ethyl alcohol (64-17-5) | |
|-------------------------|--|
| LC50 fish 1 | 12.0 – 16.0 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |
| EC50 Daphnia 1 | 9268 – 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| LC50 fish 2 | > 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| EC50 Daphnia 2 | 2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) |
| Glycerin (56-81-5) | |
| LC50 fish 1 | 51 – 57 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

| Ethyl alcohol (64-17-5) | |
|---|----------------------|
| Partition coefficient n-octanol/water (Log Pow) | -0.32 |
| Glycerin (56-81-5) | |
| BCF fish 1 | (no bioaccumulation) |
| Partition coefficient n-octanol/water (Log Pow) | -1.76 |

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

Transport by sea

According to IMO IMDG Code.UN number: 1170; UN proper shipping name: Ethanol Solution; Class or Division:3; packing group II

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Air transport

IATA DGR 61 EDITION.UN number: 1170; UN proper shipping name: Ethanol Solution; Class or Division:3; packing group II

SECTION 15: Regulatory information

15.1. US Federal regulations

Water (7732-18-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Ethyl alcohol (64-17-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Glycerin (56-81-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides (63449-41-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

Water (7732-18-5)

Listed on the Canadian DSL (Domestic Substances List)

Ethyl alcohol (64-17-5)

Listed on the Canadian DSL (Domestic Substances List)

Glycerin (56-81-5)

Listed on the Canadian DSL (Domestic Substances List)

Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides (63449-41-2)

Listed on the Canadian DSL (Domestic Substances List)

Aloe vera, extract (85507-69-3)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

Water (7732-18-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Ethyl alcohol (64-17-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Glycerin (56-81-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides (63449-41-2)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Aloe vera, extract (85507-69-3)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

Water (7732-18-5)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

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Ethyl alcohol (64-17-5)

Listed on IARC (International Agency for Research on Cancer)
Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

Glycerin (56-81-5)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides (63449-41-2)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

Aloe vera, extract (85507-69-3)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

15.3. US State regulations

Ethyl alcohol (64-17-5)

| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | No significant risk level (NSRL) | Maximum allowable dose level (MADL) |
|---|---|---|---|----------------------------------|-------------------------------------|
| Yes | Yes | No | No | | |

SECTION 16: Other information

Revision date : 04/15/2020
Data sources : Loli. ECHA reference.
Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

Abbreviations and acronyms:

| | |
|------|---|
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| EC50 | Median effective concentration |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| SDS | Safety Data Sheet |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |

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SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.