

# Safety Data Sheet

Issuing Date 16-March-2020

Revision Date 16-March-2020

Revision Number 2

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** 75% Alcohol Wipe

**Recommended Use** Skin sanitizing

**Distributed by:**  
A2Z Products LLC  
603 Columbus Street, West Covina,  
CA91791, US

**Manufactured by:**  
Shandong Baihe Sanitary Products Co. Ltd

Phone:850-888-8229  
Fax: 484-771-1779  
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Email: jennie@a2zproductsllc.com

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

May cause eye irritation

**Appearance** Clear, No information available

**Physical State** Pre-Moistened Towelette  
(no free liquids), Solid.

**Odor** alcohol

### Potential Health Effects

#### Principle Routes of Exposure

Eye contact. Skin contact.

#### Acute Toxicity

##### Eyes Skin

Irritating, and will injure eye tissue if not removed promptly  
Low order of toxicity ; Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis .

##### Inhalation

Vapour concentrations above recommended exposure levels may be irritating to the eyes and the respiratory tract, may cause headaches and dizziness, could be anesthetic and may have other central nervous system effects

##### Ingestion

Small amount of liquid aspirated into the respiratory system during ingestion or from vomiting may cause man pneumonia or pulmonary edema.

#### Chronic Effects

No known effect based on information supplied.

#### Aggravated Medical Conditions

None known.

#### Environmental Hazard

See Section 12 for additional Ecological Information.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Water	7732-18-5	25%

Ethanol	64-17-5	75%
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#### 4. FIRST AID MEASURES

<b>General advice</b>	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then call a physician
<b>Skin Contact</b>	Remove contaminated clothes. Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.
<b>Notes to Physician</b>	Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Auto ignition Temperature: 363 degree celsius
<b>Flash Point</b>	22 degree Celcius
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Hazardous Combustion Products</b>	Carbon oxides.
<b><u>Explosion Data</u></b>	
<b>Sensitivity to Mechanical Impact</b>	No.
<b>Sensitivity to Static Discharge</b>	No.

#### **Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

<b><u>NFPA</u></b>	<b>Health Hazard 1</b>	<b>Flammability 0</b>	<b>Stability 0</b>	<b>Physical and Chemical Hazards -</b>
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#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Avoid contact with eyes.
<b>Environmental Precautions</b>	Refer to protective measures listed in Sections 7 and 8.
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Cleaning Up</b>	Pick up and transfer to properly labeled containers.

#### 7. HANDLING AND STORAGE

<b>Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.
<b>Storage</b>	Keep container tightly closed.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure Guidelines</b>	This product does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.
<b>Engineering Measures</b>	Showers Eyewash stations Ventilation systems
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	No special protective equipment required.
<b>Skin and Body Protection</b>	No special protective equipment required.
<b>Respiratory Protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear, No information available.	<b>Odor</b>	Alcohol
<b>Odor Threshold</b>	No information available	<b>Physical State</b>	Pre-Moistened Towelette (no free liquids) Solid
<b>pH</b>	4-8 (20 degree Celsius)		
<b>Flash Point</b>	12 degree celsius	<b>Autoignition Temperature</b>	363 degree celsius
<b>Decomposition Temperature</b>	>= 700 degree Celsius (Ethanol)	<b>Boiling Point/Range</b>	78.3 degree celsius
<b>Melting Point/Range</b>	No information available		
<b>Flammability Limits in Air</b>	399 degree celsius	<b>Explosion Limits</b>	No information available
<b>Water Solubility</b>	100 wt%	<b>Solubility</b>	Soluble
<b>Evaporation Rate</b>	No data available	<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available	<b>VOC Content (%)</b>	Not applicable
<b>Partition Coefficient: n-octanol/water</b>			

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under proper operation and storage conditions
<b>Incompatible Products</b>	Oxidants, alkali metals, alkaline earth metals and aluminum. Alkali, sodium, calcium, and other active metal, halogen, metal oxide, non-metal oxide, acylhalide and metal phosphide.
<b>Conditions to Avoid</b>	N/A
<b>Hazardous Decomposition Products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

#### Product Information

<b>LD50 Oral VALUE</b>	7060 mg/kg
<b>LD50 Dermal VALUE</b>	No information available
<b>LC50 Inhalation (DUST) VALUE</b>	
<b>LC50 Inhalation (VAPOR) VALUE</b>	

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation, 4h
Ethanol	7060mg/kg (Rat)	No information available	39mg/L (mouse)
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**Chronic Toxicity**

**Chronic Toxicity** No known effect based on information supplied.

**Target Organ Effects** None known.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

No Environmental hazardous.

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging** Dispose of in accordance with local regulations.

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**US DOT Information:****Land transport****(DOT) UN Number:** 1170**Description of the goods:** Ethanol solution**Class:** 3**Packing group:** III**Environmentally hazardous:** no.**Shipping Name:** Not applicable**Hazard Class:** Not applicable**UN/NA #:** Not regulated per 49 CFR, Special Provision 47 (for rail and road transport in the USA)**Packing Group:** Not applicable**Required Label 9s):** Not applicable**Additional Information:** No additional information available**DOT CFR 172.101****Not regulated per 49 CFR 173.4 Small Quantity Exemption**

According to DOT 49 CFR 172.101 & 102 Special Provision 47, IATA Special Provision A46, and IMDG Code Special Provision 216, small inner packaging consisting of sealed packets and articles containing less than 10mL of a Class 3 liquid in Packaging Group II or III absorbed onto a solid material are not subject to as a hazardous material/dangerous goods provided there is no free liquid in the packet or article.

This is not regulated per 49 CFR 173.4 per small quantity exemption.

**IATA Information:****Shipping Name:** Not applicable**Hazard Class:** Not applicable**UN/NA #:** Not regulated per IATA, Special Provision A46**Packing Group:** Not applicable**Required Label 9s):** Not applicable**Additional Information:** Consult current IATA regulations prior shipping by air

Each Alcohol Prep Pads contains less than 0.5 mL per pad in a sealed pouch which is way below  $\leq 10$  mL allowed by DOT

49 CFR 172.101 & 102 Special Provision 47, IATA Special Provision A46, and IMDG Code Special Provision 216 in a sealed packets.

**IMDS Information:****Shipping Name:** Not applicable**Hazard Class:** Not applicable**UN/NA #:** Not regulated per IMDG Code, Special Provision 216**Packing Group:** Not applicable**Required Label 9s):** Not applicable**Additional Information:** No additional information

**15. REGULATORY INFORMATION****International Inventories**

TSCA	Exempt
DSL	Not determined

**U.S. 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.

**SARA 311/312 Hazard Categories**

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**Clean Water Act**

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

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

**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.

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**U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated by state right-to-know regulations.

**International Regulations**

**Mexico - Grade** No information available.

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

Non-controlled

<b>16. OTHER INFORMATION</b>
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**Prepared By** A2Z Products, LLC

**Issuing Date** 16-March-2020

**Revision Date**

**Revision Note** No information available

**General Disclaimer**

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**