

Safety Data Sheet

Issuing Date May 12, 2019

Revision Date May 12, 2019

Revision Number 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name ALCOHOL PADS

Recommended Use For preparation of the skin prior to an injection

Manufactured by:
Yangzhou Suxiang Medical Instrument
Co. Ltd

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	30%
Isopropyl alcohol	67-63-0	70%

4. FIRST AID MEASURES

Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
Skin Contact	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.
Inhalation	Move to fresh air. If symptoms persist, call a physician.
Ingestion	Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.
Notes to Physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Auto ignition Temperature: 399 degree celsius
Flash Point	20 degree Celcius/ 68 degree Fahrenheit
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Hazardous Combustion Products	Carbon oxides.
<u>Explosion Data</u>	
Sensitivity to Mechanical Impact	No.
Sensitivity to Static Discharge	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.

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

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

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, No information available.	Odor	Alcohol odor
Odor Threshold	No information available	Physical State	Pre-Moistened Towelette (no free liquids) Solid
pH	UNKNOWN		
Flash Point	12 degree celsius	Autoignition Temperature	399 degree celsius
Decomposition Temperature	No information available	Boiling Point/Range	80.3 Between 82 and 83 degree celsius
Melting Point/Range	No information available		
Flammability Limits in Air	399 degree celsius	Explosion Limits	No information available
Water Solubility	100 wt%	Solubility	Soluble
Evaporation Rate	2.5	Vapor Pressure	33 mmHg
Vapor Density	No data available	VOC Content (%)	Not applicable
Partition Coefficient: n-octanol/water			

10. STABILITY AND REACTIVITY

Stability	Stable
Incompatible Products	Strong Oxidizing agents, acids, acid anhydride, halogen
Conditions to Avoid	N/A
Hazardous Decomposition Products	Carbon oxides.
Hazardous Polymerization	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information

LD50 Oral VALUE	5045 mg/kg
LD50 Dermal VALUE	12800 mg/kg
LC50 Inhalation (DUST) VALUE	
LC50 Inhalation (VAPOR) VALUE	

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Isopropyl alcohol	5045 mg/kg	12800 mg/kg	-
			-

Chronic Toxicity

Chronic Toxicity No known effect based on information supplied.

Target Organ Effects None known.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

The environmental impact of this product has not been fully investigated.

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.

14. TRANSPORT INFORMATION**US DOT Information:**

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.

14. TRANSPORT INFORMATION**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 airEach Alcohol Prep Pads contains less than 0.5 mL per pad in a sealed pouch which is way below ≤ 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.

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

16. OTHER INFORMATION

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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