



南京海关危险货物与包装检测中心
国家化学品分类鉴别与评估重点实验室



中国认可
检测
TESTING
CNAS L9939

正本
ORIGINAL

Design Report of Safety Data Sheet

Report No.: DG2002587E

Date: 2020/03/27

Name of the sample	Alcohol pad		
Applicant	Jiangsu Traumark Medical Instrument Co., Ltd.		
Supplier	Jiangsu Traumark Medical Instrument Co., Ltd.		
Composition of the sample	Alcohol: 62.3922~67.8246%; Water		
Warranty of Design	EU Regulation No. 1907/2006		
Design Result of SDS please see next page.			
Designer	华雯	Approver	王红

Notes: This SDS is valid before the implementation of the renewal of EU Regulation No. 1907/2006.



SAFETY DATA SHEET

Alcohol pad

Jiangsu Traumark Medical Instrument Co., Ltd.

- According to EU Regulation No. 1907/2006

SDS

Section 1 Identification of the Substance/Mixture and of the Company/Undertaking

> Product Identifier

Product Name Alcohol pad

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 Jiangsu Traumark Medical Instrument Co., Ltd.

Application Address No.18 Jincheng Road, Wujin Economic Development Zone, 213149, Changzhou City, Jiangsu Province, China

Applicant Post Code 213149

Applicant Telephone +86-519-86363095

Applicant Fax —

Applicant E-mail —

Supplier Name Jiangsu Traumark Medical Instrument Co., Ltd.

Supplier Address No.18 Jincheng Road, Wujin Economic Development Zone, 213149, Changzhou City, Jiangsu Province, China

Supplier Post Code 213149

Supplier Telephone +86-519-86363095

Supplier Fax —

Supplier E-mail —

> Emergency Phone Number

Emergency Phone Number +86-519-86363095

Section 2 Hazards Identification

Hazard class and label elements of the product according to Regulation (EC) No 1272/2008 [CLP]:

> Classification of the Substance or Mixture

This product meets the definition of an article, according to the EU CLP Regulations [(EC) No 1272/2008], the product is not classified.

> Label Elements

Pictogram Not applicable

Signal Word **Not applicable**

> Hazard Statements

Not applicable

> Precautionary Statements

Prevention

Not applicable

Response

Not applicable

Storage

Not applicable

Disposal

Not applicable

> Other hazards

Not applicable

Section 3 Composition/Information on Ingredients

Component	CAS No.	EC No.	Index No.	Hazard classification according to CLP	Concentration (weight percent, %)
Alcohol	64-17-5	200-578-6	603-002-00-5	Flammable Liquids, Category 2, H225	62.3922~67.8246
Water	7732-18-5	231-791-2	-	Not Classified	Commercial secrets

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	Generally there will be no irritation. 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	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, water spray, 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 Flammable solid which burns and propagates flame easily, even when partly wetted with water.
- 3 May burn fiercely.
- 4 Any source of ignition, i.e. friction, heat, sparks or flame, may cause fire or explosion.
- 5 Containers may explode when heated.
- 6 Fire exposed containers may vent contents through pressure relief valves.
- 7 May expansion or decompose 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 Ensure adequate ventilation. Remove all sources of ignition.
- 2 Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
- 3 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.

> 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 equipment.

Section 7 Handling and Storage

> Precautions for Handling**Protective Measures**

- 1 Handling is performed in a well ventilated place.
- 2 Wear suitable protective equipment.
- 3 Avoid contact with eyes.

Measures to Prevent Fire

- 1 Use only non-sparking tools.
- 2 To prevent fire caused by electrostatic discharge steam, equipment on all metal parts should be grounded.
- 3 Take precautionary measures against static discharges.
- 4 Keep away from heat/sparks/open flames/ hot surfaces.

Measures to Prevent Aerosol and Dust Generation

- 1 Avoid formation of dust and aerosols.
- 2 Provide appropriate exhaust ventilation at places where dust is formed.

Advice on General Occupational Hygiene

- 1 Wash hands and face after using of the substances.
- 2 Replace the contaminated clothing immediately.

> 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.

> Specific End Use(s)

- 1 In addition to use mentioned in the first parts, unforeseen other specific end uses.

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
Alcohol 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	-	-

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).

Derived No Effect Level (DNEL)

Component	Route of	DNEL for Workers
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	exposure	Acute Effects(local)	Acute Effects(systemic)	Chronic Effects(local)	Chronic Effects(systemic)
Alcohol 64-17-5	Inhalation	No data available	No data available	No data available	950 mg/m3
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
Water 7732-18-5	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available

Predicted No Effect Concentration (PNEC)

No information available

> 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/flamm resistant/retardant clothing and antistatic boots.

Section 9 Physical and Chemical Properties

Appearance: White disinfectant tablet	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): Not applicable	Evaporation Rate: Not applicable
Flammability: No information available	Upper/lower explosive limits[% (v/v)]: Upper limit: No information available; Lower limit: No information available
Vapor Pressure (KPa): Not applicable	Relative Vapour Density(Air = 1): Not applicable
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): Not applicable

Section 10 Stability and Reactivity

Reactivity	Contact with incompatible substances can cause decomposition or other chemical reactions.
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Chemical Stability	Stable under proper operation and storage conditions.
Possibility of Hazardous Reactions	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)
Alcohol	64-17-5	7060mg/kg(Rat)	No information available	39mg/L(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	Alcohol	Category 1	Not Listed
2	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
Alcohol	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
Mobility in Soil**

No information available

No information available

No information available

**Results of PBT and
vPvB Assessment**

Alcohol 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
Disposal
Recommendations**

Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible. Refer to section 13.1 and 13.2.

Section 14 Transport Information

Transporting Label



Marine pollutant

None

UN Number	3175
UN Proper Shipping Name	SOLIDS CONTAINING FLAMMABLE LIQUID,N.O.S.
Transport Hazard Class	4.1
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
Alcohol	✓	✓	✓	✓	✓	✓	✓	✓	✓
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.

> European Chemical Inventory

Component	A	B	C	D	E	F	G
Alcohol	✗	✗	✓	✓	✓	✗	✗
Water	✗	✗	✗	✓	✗	✗	✗

【A】 Candidate list of Substances of Very High Concern for authorization under EU REACH regulation

【B】 Substances requiring authorisation under EU REACH regulation

【C】 Substances restricted under EU REACH

【D】 Pre-registered substances under EU REACH

【E】 Registered substances under EU REACH

【F】 Substance Evaluation – CoRAP under EU REACH

【G】 List of priority substances under EU water policy (Directive 2455/2001/EC)

Note

"✓" Indicates that the substance included in the regulations

"✗" That no data or included in the regulations

Section 16 Additional Information

Creation Date	2020/03/27
Revision Date	2020/03/27
Reason for Revision	-

> Disclaimer

This Safety Data Sheet (SDS) was prepared according to REACH Regulation. 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.



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4. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested.
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