

SAFETY DATA SHEET

SDS

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product name: Alcohol Pad (Alcohol swab)
Company: Wuxi Medical Instrument Factory Co., Ltd
Address : No.43, Xixin Road, Zhangjing, Xibei Town, Xishan District, Wuxi City, Jiangsu Province, 214194 China
Email: wxmedical@vip.126.com
Fax: 0510-83795188
Emergency Tel: 0510-83791818
SDS No.: 2025001

SECTION2 HAZARDS IDENTIFICATION

2.1 Hazards Identification:

The liquid contained in non woven:

Classification according to GHS:

Flammable liquid (Category 2)

Skin corrosion/irritation (Category 3)

Eye damage/Eye irritation (Category 2A)

Specific target organ toxicity - Single exposure (Category 1) (central nervous system, general toxicity)

Specific target organ toxicity - Single exposure (Category 3)

Specific target organ toxicity – Repeated exposure (Category 1) (blood system)

Specific target organ toxicity – Repeated exposure (Category 2) (respiratory organs, liver, spleen)

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

2.2 Label elements



Hazard pictograms (CLP)

- Signal word (CLP) : Danger
- Hazard statements (CLP) : H228- Flammable solid.
- Precautionary statements (CLP) : P210-Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240- Ground and bond container and receiving equipment.
P241- Use explosion-proof electrical/ventilating/lighting equipment.
P280- Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P370+P378- In case of fire: Use Water spray, Dry powder, Foam, Carbon dioxide to extinguish , see Section 5 in detail.



Warning pictograms (CLP)

- Signal word (CLP) : Warning
- Warning contents: :For external use only.
Single use only.
Do not use if packaging is damaged.
Store at temperatures not exceeding 30 °C.
Danger! Causes serious eye irritation.
Flammable liquid and vapour.
May cause drowsiness or dizziness.
IF INHALED: Move person to fresh air and keep in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Keep out of reach of children.

IN CASE OF FIRE: Use appropriate fire extinguishing media. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Use only outdoors or in a well-ventilated area. Store in a well-ventilated place. Keep cool.

Dispose of contents/container in accordance with national regulations.

2.3 Emergency Overview:

The liquid contained in non woven:

Highly flammable liquid and vapour. Causes mild skin irritation. Causes serious eye irritation. Suspected of damaging fertility or the unborn child. Causes damage to organs: central nervous system, general toxicity. May cause drowsiness or dizziness. Causes damage to organs through prolonged or repeated exposure: blood system. May cause damage to organs through prolonged or repeat exposure: respiratory organs, liver, spleen.

SECTION3 INFORMATION ON INGREDIENTS

Product name: Alcohol pad

Ingredient	Concentration	CAS NO.	EC NO.
The liquid contained in non woven			
Isopropyl alcohol	70%	67-63-0	200-661-7
Purified water	30%	7732-18-5	231-791-2

SECTION4 FIRST-AID MEASURES

Skin Exposure:

In case of contact, wash skin with soap and copious amounts of water. If irritation persists, call a physician.

Eye Exposure:

In case of contact with eyes, 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 breathing is difficult, give oxygen. If feel unwell, get medical aid immediately.

Oral Exposure:

If victim is conscious, wash mouth out with water. Get medical aid immediately.

SECTION5 FIRE FIGHTING MEASURES

Extinguishing Media:

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

Firefighting:

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

Procedure of Personal Precaution:

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 non involved personnel should be controlled around the leakage area by roping off.

Methods for Cleaning up:

Mix with inert material (e.g. dry sand, vermiculite) and transfer to a dry, clean, lidded

container for disposal. Avoid inhalation. Ventilate area and wash spill site after material pickup is complete.

Environmental precautions:

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

SECTION7 HANDLING AND STORAGE

Handling:

Wear appropriate protective clothing and chemical safety gloves. Avoid contact with eyes, skin and clothing. Avoid inhalation. Prevent generation of vapour or mist. Keep container tightly closed. Do not expose empty containers to heat, sparks or open flames. Use only with adequate ventilation. Electrostatic charges may be generated during pumping. Ensure electrical continuity by bonding all equipment. Keep away from heat, sparks and flame. Incompatibilities: Oxidizing agents, Acid anhydrides, Aluminium, Halogenated compounds, Acids, Combustible materials. Wash hands and face thoroughly after handling. No smoking at working site.

Storage:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from heat, sparks, and flame. Keep away from sources of ignition. Incompatibilities: Oxidizing agents, Acid anhydrides, Aluminium, Halogenated compounds, Acids, combustible materials.

SECTION8 EXPOSURE CONTROL/PPE

Exposure Limits:

Isopropyl alcohol: ACGIH TLV (TWA): 200 ppm

ACGIH TLV(STEL): 400 ppm

Engineering Controls:

Safety shower and eye bath. Mechanical exhaust required

Personal Protective Equipment:

Respiratory: Government approved respirator

Eye: Chemical safety goggles.

Clothing: Wear anti-electrostatic clothing.

Hand: Compatible chemical-resistant gloves.

Other Protect:

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

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance: White wet non woven

Odor: Weak odor

pH Value: 6-7

Odor: 19°C (the liquid contained in non woven)

Solubility: Partial slightly soluble in water

SECTION10 STABILITY AND REACTIVITY

Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

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

Materials to Avoid:

Oxidizing agents, Acid anhydrides, Aluminium, Halogenated compounds, Acids

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition Products:

Carbon oxides.

SECTION11 TOXICOLOGICAL INFORMATION

The liquid contained in non woven:

Acute toxicity:

Isopropyl alcohol: Rat Oral LD₅₀: 5045mg/kg

Rat Inhalation LD₅₀: 16000 ppm/8H

Rabbit Dermal LD₅₀: 12800mg/kg

Skin corrosion/irritation:

Causes mild skin irritation

Serious eye damage/irritation:

Causes serious eye irritation

Reproductive toxicity:

Suspected of damaging fertility or the unborn child.

Specific target organ toxicity- single exposure:

Causes damage to organs: central nervous system, general toxicity

May cause drowsiness or dizziness.

Specific target organ toxicity- repeated exposure:

Causes damage to organs through prolonged or repeated exposure: blood system

May cause damage to organs through prolonged or repeated exposure: respiratory tract, liver, spleen.

SECTION12 ECOLOGICAL INFORMATION

The liquid contained in nonwoven.

Toxicity:

Isopropyl alcohol : Toxicity to fish LD₅₀-Pimephales promelas (fathead minnow) - 9640.00mg/l-96h

Toxicity to daphnia and other aquatic invertebrates EC₅₀-Daphnia magna (water flea) - 5102.00mg/l-24h

Immobilization EC₅₀-Daphnia magna (water flea) - 6.851 mg/l-24h

Toxicity to algae EC₅₀ – Desmodesmus subspicatus (green algae) - > 2000.00mg/l-72h

EC₅₀ – Algae- > 1000.00mg/l-24h

Persistence and degradability:

No data available

Bioaccumulative potential:

No data available

Mobility in soil:

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

IATA:

The product is not restricted to IATA DGR according to special provision A46, when small inner packaging consisting of sealed packets or articles containing less than 10ml of packing group II or III flammable liquid absorbed into a solid material.

IMO:

The product is not restricted to IMO IMDG according to special provision 216, when small inner packaging consisting of sealed packets or articles containing less than 10ml of packing group II or III flammable liquid absorbed into a solid material.

SECTION15 REGULATORY INFORMATION

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

The liquid contained in non woven:

Flammable liquid (Category 2)

Eye damage/Eye irritation (Category 2)

Reproductive toxicity (Category 2)

Specific target organ toxicity - Single exposure (Category 1) (central nervous system, general toxicity)

Specific target organ toxicity - Single exposure (Category 3)

Specific target organ toxicity – Repeated exposure (Category 1) (blood system)

Specific target organ toxicity – Repeated exposure (Category 2) (respiratory organs, liver, spleen)

SECTION16 OTHER INFORMATION

Date: Jan 6th 2025

Revision: 1

Other information:

The above information is based on the latest instructions, information and concepts at our command and has been prepared by referring to the same literature at home and abroad. The above information is only a guide for safe operation, storage, transportation and disposal and is not intended as a guarantee or quality statement.

WUXI MEDICAL INSTRUMENT FACTORY CO., LTD
无锡市医用仪表厂有限公司