

## Safety Data Sheet (SDS)

The content and format of this SDS is accordant with 29 CFR 1910.1200 (OSHA standard)

### 1. Identification

**Product identifier:**

Product name: Sting Relief Prep Pad

**Other means of identification:**

Product code: --

**Recommended use of the chemical and restrictions on use:** Used for Relieve Itching. Restrictions on use: No information available.

**Manufacturer/Supplier:** Ningbo Tianbo First Aid Product Co., Ltd

Address: Yushan TouVillage,Dongqiao Town, Haishu,Ningbo,China

Postcode: 315000

Tel.: +86 18069022516

Email: qa2@tbfirstaid.com

**Emergency phone number:** +86 18069022516

### 2. Hazards identification

**Note:** This sting relief prep pad is saturated with a flammable liquid and the following hazard classifications and precautions are for the flammable liquid. There is no free liquid in the container and the liquid is less than 10 mL.

**GHS classification:**

Physical hazards:	Flammable liquids - Category 2
Health hazards:	Serious eye damage/eye irritation - Category 2
	Sensitisation, skin - Category 1
	Specific target organ toxicity, single exposure - Category 1 (Central nervous system), 3 (Narcotic effects)
Environmental hazards:	Not classified

**Signal Word: Danger**

**Pictogram:**



**Hazard Statements:**

H225: Highly flammable liquid and vapor.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H370: Causes damage to organs (Central nervous system).

**Precautionary Statements:**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

- P233: Keep container tightly closed.  
P240: Ground and bond container and receiving equipment.  
P241: Use explosion-proof [electrical/ventilating/lighting] equipment.  
P242: Use non-sparking tools.  
P243: Take action to prevent static discharges.  
P260: Do not breathe gas/mist/ vapours/spray.  
P264: Wash hands thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P271: Use only outdoors or in a well-ventilated area.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

**Response Precautionary Statements:**

- P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
P370 + P378: In case of fire: Use dry chemicals, carbon dioxide, alcohol resistant foam, dry sand to extinguish.  
P302 + P352: IF ON SKIN: Wash with plenty of water.  
P333 + P313: If skin irritation or rash occurs: Get medical advice/attention.  
P321: Specific treatment (Please see the specific measures for accident that included in the label, or go to hospital for treatment).  
P362 + P364: Take off contaminated clothing and wash it before reuse.  
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313: If eye irritation persists: Get medical advice/attention.  
P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312: Call a POISON CENTER/doctor if you feel unwell.  
P308 + P311: IF exposed or concerned: Call a POISON CENTER/doctor.

**Storage precautionary statements:**

- P403 + P235: Store in a well-ventilated place. Keep cool.  
P403 + P233: Store in a well-ventilated place. Keep container tightly closed.  
P405: Store locked up.

**Disposal precautionary statements:**

- P501: Dispose of contents/container according to relevant local and national regulations (It is recommended to use incineration method to dispose of waste).

**Other hazards:** Not found.

### 3. Composition/information on ingredients

**Product description:** substance (); mixture (√).

Ingredient (s)	CAS No.	EC No.	% by weight
ISOPROPYL ALCOHOL	67-63-0	200-661-7	60
WATER	7732-18-5	231-791-2	30
BENZOCAINE	94-09-7	202-303-5	10

#### 4. First aid measures

**Persons using this product should consult a physician or other medical professional if an accident involving this product results in injury. Specific first-aid measures are as follows:**

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical help if you feel unwell.

**Skin Contact:** Wash with plenty water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

**Eyes Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical help.

**Ingestion:** Rinse mouth. Do not induce vomiting without professional instruction. Get medical help if you feel unwell.

**Acute effect and delayed effect:**

Acute effect: May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness. Causes damage to organs (Central nervous system).

Delayed effect: Not found.

**Personal protective equipment:** Wear protective gloves/protective clothing/eye protection/face protection when necessary.

**Indication of immediate medical attention and treatment needed, if necessary:** Treat according to symptoms and exposure dose.

#### 5. Fire-fighting measures

**Extinguishing Media:** Use dry chemicals, carbon dioxide, alcohol resistant foam, dry sand for extinction.

**Unsuitable Extinguishing Media:** Reinforced liquid (straight stream).

**Special hazards arising from the chemical:** This product is a solid containing a flammable liquid and may catch fire if exposed to an open flame or high temperatures. If a fire occurs, harmful fumes are released, such as carbon oxides.

**Fire Fighting Method:**

For initial fire, use dry powder, carbon dioxide, etc.

For large fire, it is effective to use fire foam, etc. to shut off air supply.

Deny unnecessary entry to the place around the fire.

Remove containers from fire area if it can be done without risk.

Cool surrounding facilities, etc. with water spray.

Extinguish fire from upwind, and the fire extinguishing method should be appropriate to the situation in the surroundings.

**Special actions for fire-fighters:** Firefighters must wear self-contained breathing apparatus and full protective equipment.

Check whether the protective equipment is in good condition before use.

#### 6. Accidental release measures

**Personal precautions, protective equipment, and emergency procedures:**

Personal precautions: Use proper personal protective equipment as indicated in Section 8.

Emergency procedures: Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Stop leak if you can do it without risk.

**Environmental precautions:** Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.

**Methods and material for containment and cleaning up:**

**Small Spill:**

Mop up or absorb with an inert dry material (e.g. sand, dry lime) and place in an appropriately labeled waste disposal container.

**Large Spill:**

Isolate contaminated area and set up a warning board. The persons handling emergency are recommended wearing protective clothing. Do NOT touch spilled material.

Build up dike or dig pit for collection. Containers should be clearly marked for recycling or disposed as waste.

**7. Handling and storage**

**Precautions for safe handling:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Keep container tightly closed.

Ground and bond container and receiving equipment.

Use explosion-proof [electrical/ventilating/lighting] equipment.

Use non-sparking tools.

Take action to prevent static discharges.

Do not breathe gas/mist/ vapours/spray.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

**Conditions for safe storage, including any incompatibilities:** Store it in a well-ventilated, cool and dry store room. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

**Incompatible substances or mixtures:** Strong oxidizing agents.

**Packing material:** The product uses single-unit packaging.

**8. Exposure controls/personal protection**

**Occupational Exposure Limits:**

Ingredients	OSHA PEL-TWA	ACGIH TLV-TWA
ISOPROPYL ALCOHOL (CAS: 67-63-0)	400 ppm ST: 500 ppm	200 ppm ST: 400 ppm

**Engineering Controls:**

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Install washer eyes and safety showers near to the handling and storage area.

**Personal Protective Equipment (For workers):**

**Protection of Hands:** Wear impermeable rubber gloves.



**Protection of Eyes:** Wear safety glasses when liquid may splash.



**Respiratory Protection:** Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms occur.



**Protection of Body:** Recommend wearing general working clothing.



**General protective and hygienic measures:**

- Keep away from foodstuffs, beverages and feed.
- Wash hands before breaks and at the end of work.
- Do not inhale vapours generated from processing.

## 9. Physical and chemical properties

<b>Physical state</b>	Solid
<b>Color</b>	Clear colorless (the liquid this pad contains)
<b>Odor</b>	Slight
<b>Odor threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting point/freezing point</b>	No data available
<b>Initial boiling point and boiling range</b>	80°C (this data is for the liquid this pad contains)
<b>Flash point</b>	11°C (this data is for the liquid this pad contains)
<b>Flammability (solid, gas, etc.)</b>	Highly flammable liquid and vapor (the liquid this pad contains)
<b>Upper/lower flammability or explosive limits</b>	No data available
<b>Vapor pressure</b>	No data available

<b>Relative vapor density</b>	No data available
<b>Density</b>	No data available
<b>Relative density</b>	No data available
<b>Solubility (ies)</b>	No data available
<b>Partition coefficient: n-octanol/Water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Kinematic viscosity</b>	No data available
<b>Particle characteristics</b>	No data available
<b>Other information</b>	No data available

## 10. Stability and reactivity

**Reactivity:** Not reactive under normal handling and storage.

**Chemical stability:** Stable under normal temperatures and pressures.

**Possibility of hazardous reactions:** Not reactive under normal handling and storage.

**Conditions to Avoid:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

**Incompatible materials:** Strong oxidizing agents.

**Hazardous decomposition products:** If a fire occurs, harmful fumes are released, such as carbon oxides.

## 11. Toxicological information

### Product Toxicity Data:

Ingredient (s)	CAS No.	LD <sub>50</sub> /LC <sub>50</sub> (Median lethal dose)
WATER	7732-18-5	No data available
BENZOCAINE	94-09-7	Acute toxicity (Oral) LD <sub>50</sub> : 3,042 mg/kg (rat) Data source: NITE-CHRIP
ISOPROPYL ALCOHOL	67-63-0	Acute toxicity (Oral) LD <sub>50</sub> : 5,840 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD <sub>50</sub> : 12,870 mg/kg (rabbit) Data source: NITE-CHRIP
The whole product		Acute toxicity (Oral) LD <sub>50</sub> > 2,000 mg/kg (Calculated value) Acute toxicity (Dermal) LD <sub>50</sub> > 2,000 mg/kg (Calculated value)
Classification of the whole product:		Not classified

**Skin corrosion/irritation:** No classification for this product.

**Serious eye damage/eye irritation:** ISOPROPYL ALCOHOL (CAS: 67-63-0): Category 2 (Data source: EU CLP)

Classification of the whole product: Category 2

**Sensitisation, respiratory:** No classification for this product.

**Sensitisation, skin:** BENZOCAINE (CAS: 94-09-7): Category 1 (Data source: ECHA)

Classification of the whole product: Category 1

**Germ cell mutagenicity:** No classification for this product.

<b>Carcinogenicity:</b>	No classification for this product.
<b>Reproductive Toxicity:</b>	No classification for this product.
<b>Specific target organ toxicity, single exposure:</b>	BENZOCAINE (CAS: 94-09-7): Category 1 (Central nervous system) (Data source: ECHA) ISOPROPYL ALCOHOL (CAS: 67-63-0): Category 3 (Narcotic effects) (Data source: EU CLP) Classification of the whole product: Category 1 (Central nervous system), 3 (Narcotic effects)
<b>Specific target organ toxicity, repeated exposure:</b>	No classification for this product.
<b>Aspiration hazard:</b>	No classification for this product.

## 12. Ecological information

### Ecotoxicity:

ISOPROPYL ALCOHOL (CAS: 67-63-0):

96h-LC<sub>50</sub>: 10,000 mg/L, fish (*Pimephales promelas*) (ECHA)

24h-LC<sub>50</sub> > 10,000 mg/L, aquatic invertebrates (*Daphnia magna*) (ECHA)

Classification of the whole product: Not classified

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**Mobility in Soil:** No data available.

**Other adverse effects:** No relevant information.

## 13. Disposal considerations

### Waste treatment methods:

It is recommended to use incineration method to dispose of waste.

Any disposal practice must be in compliance with country, local, state, and federal laws and regulations.

After contents are completely removed, dispose of its container at hazardous or special waste collection point.

Paste a label on the container indicating the possible hazards of the waste.

## 14. Transport Information

### ADR and RID / Air-Transportation- IATA/ICAO/Sea-Transportation-IMO/IMDG.:

According to ADR Special Provision 216, IATA Special Provision A46 and IMDG Code Special Provision 216, small inner packagings consisting of sealed packets and articles containing less than 10 mL of a Class 3 flammable liquid in Packing 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. The entire product is not classified as dangerous goods for transportation as it complies with the aforementioned special regulations.

### Land (ADR)

UN number: Not applicable

UN proper shipping name: Not applicable  
 Transport hazard class(es): Not applicable  
 Packing group: Not applicable  
 Assigned Pictogram: Not applicable  
 HIN: Not applicable

**Sea (IMDG)**

UN number: Not applicable  
 UN proper shipping name: Not applicable  
 Transport hazard class(es): Not applicable  
 Packing group: Not applicable  
 Assigned Pictogram: Not applicable  
 Marine pollutant (Yes/No): No  
 EMS NO.: Not applicable

**Sea (Annex II of MARPOL 73/78 and the IBC Code)**

Pollution category: Not applicable  
 Ship type: Not applicable  
 Product name: Not applicable

**Air (IATA)**

UN number: Not applicable  
 UN proper shipping name: Not applicable  
 Transport hazard class(es): Not applicable  
 Packing group: Not applicable  
 Assigned Pictogram: Not applicable

**Special precautions:**

Check whether the package is completed or sealed before transporting; make sure no damage of packages and prevent goods from falling down during transporting; the transport vehicle should be equipped with facilities for fire-fighting and accidental release handling; do NOT transport this product together with incompatible substances; stay away from fire and areas of high temperature during stopovers.

**15. Regulatory information**

**United States:**

**Emergency Planning and Community Right-to-Know Act (EPCRA) section 313 chemicals:**

Chemical Name	CAS No.	Weight-%	SARA 313 – Threshold Values %
ISOPROPYL ALCOHOL	67-63-0	60	1.0 (Only if it is being manufactured by the strong acid process. Facilities that process or otherwise use isopropyl alcohol are not covered and should not file a report)

**40 CFR part 355 (Extremely Hazardous Substances):** Not listed.

**California Proposition 65 (Chemicals Known to the State to Cause Cancer or Reproductive Toxicity):**

Chemical Name	CAS No.	Type of Toxicity
Not applicable	Not applicable	Not applicable

**Clean Water Act:**

Ingredient (s)	CWA - Reportable Quantities	CWA - Hazardous Substances	CWA - Priority Pollutants	CWA - Toxic Pollutants
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

**Toxic Substances Control Act (TSCA):**

Chemical Name	CAS No.	TSCA Inventory
WATER	7732-18-5	Listed
BENZOCAINE	94-09-7	Listed
ISOPROPYL ALCOHOL	67-63-0	Listed

**Carcinogenicity categories:** ISOPROPYL ALCOHOL (CAS: 67-63-0): IARC-3.

**Other relevant laws and regulations:**

**Candidate List of Substances of very high concern (SVHC) according to ECHA:** Not listed.

**REACH Regulation Annex XVII Regulation List:** Not listed.

**REACH Regulation Annex XIV Authorization List:** Not listed.

**(EC) 1272/2008 Annex VI Table 3.1:**

Ingredient(s)	EC No. 1272/2008 Classification	
	CLASS. CODE	HAZARD CODE
ISOPROPYL ALCOHOL (CAS: 67-63-0)	Flam. Liq. 2	H225
	STOT SE 3	H336
	Eye Irrit. 2	H319

**Chemical Safety Assessment:** A Chemical Safety Assessment has not been carried out.

**16. Other information**

**DISCLAIMER:**

All the information of this SDS is true and effective, and only for reference. Our company will not control the way how people use it, neither will we be responsible for any consequence. The users shall decide how to properly use the product or adopt certain production way for some special purpose. The above-mentioned precautionary measures are helpful to avoid damage to the property or life safety during the operation or use of this product.

**References:**

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev.7, 2017)

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev.8, 2019)

ANSI Z400.1/Z129.1-2010

OSHA Hazard Communication Standard (HCS) 2024

**Full description of some acronyms:**

**CAS-Chemical Abstracts Service**

**EINECS-European Inventory of Existing Commercial Chemical Substances**  
**IMO-International Maritime Organization**  
**IMDG-International Maritime Dangerous Goods**  
**IATA-International Air Transport Association**  
**ICAO-International Civil Aviation Organization**  
**TSCA-Toxic Substances Control Act**  
**OSHA-Occupational Safety and Health Administration**  
**ACGIH- American Conference of Governmental Industrial Hygienists**  
**ECHA- European Chemicals Agency**  
**NITE-CHRIP- Japan National Institute of Technology and Evaluation-Chemical Risk Information Platform**

**The Issuing date:** February 26, 2026

**SDS Version:** 1.0

\*\*\*\*\*The End\*\*\*\*\*

## Safety Data Sheet (SDS)

The content and format of this SDS is accordant with 29 CFR 1910.1200 (OSHA standard)

### 1. Identification

**Product identifier:**

Product name: BZK PAD

**Other means of identification:**

Product code: --

**Recommended use of the chemical and restrictions on use:** Wound or skin cleaning. Restrictions on use: No information available.

**Manufacturer/Supplier:** Ningbo Tianbo First Aid Product Co., Ltd

Address: Yushan TouVillage, Dongqiao Town, Haishu, Ningbo, China

Postcode: 315000

Tel.: +86 18069022516

Email: qa2@tbfirstaid.com

**Emergency phone number:** +86 18069022516

### 2. Hazards identification

**GHS classification:**

Physical hazards: Not classified  
Health hazards: Not classified  
Environmental hazards: Not classified

**Signal Word:** Not applicable.

**Pictogram:** Not applicable.

**Hazard Statements:**

No relevant GHS classification for this product.

**Precautionary Statements:**

No special requirements.

**Response Precautionary Statements:**

No special requirements.

**Storage precautionary statements:**

No special requirements.

**Disposal precautionary statements:**

No special requirements.

**Other hazards:** Not found.

### 3. Composition/information on ingredients

**Product description:** substance (); mixture (√).

Ingredient (s)	CAS No.	EC No.	% by weight

Water	7732-18-5	231-791-2	99.6
Benzalkonium chloride	8001-54-5	616-786-9	0.4

#### 4. First aid measures

Persons using this product should consult a physician or other medical professional if an accident involving this product results in injury. Specific first-aid measures are as follows:

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical help if you feel unwell.

**Skin Contact:** Wash with plenty water. If skin irritation occurs: Get medical help. Take off contaminated clothing and wash it before reuse.

**Eyes Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical help.

**Ingestion:** Rinse mouth. Do not induce vomiting without professional instruction. Get medical help if you feel unwell.

**Acute effect and delayed effect:**

Acute effect: Not found.

Delayed effect: Not found.

**Personal protective equipment:** Wear protective gloves/protective clothing/eye protection/face protection when necessary.

**Indication of immediate medical attention and treatment needed, if necessary:** Treat according to symptoms and exposure dose.

#### 5. Fire-fighting measures

**Extinguishing Media:** Use dry chemicals, carbon dioxide, foam, dry sand for extinction.

**Unsuitable Extinguishing Media:** Reinforced liquid (straight stream).

**Special hazards arising from the chemical:** The product is not flammable, and has no special danger.

**Fire Fighting Method:**

For initial fire, use dry powder, carbon dioxide, etc.

For large fire, it is effective to use fire foam, etc. to shut off air supply.

Deny unnecessary entry to the place around the fire.

Remove containers from fire area if it can be done without risk.

Cool surrounding facilities, etc. with water spray.

Extinguish fire from upwind, and the fire extinguishing method should be appropriate to the situation in the surroundings.

**Special actions for fire-fighters:** Firefighters must wear self-contained breathing apparatus and full protective equipment.

Check whether the protective equipment is in good condition before use.

#### 6. Accidental release measures

**Personal precautions, protective equipment, and emergency procedures:**

Personal precautions: Use proper personal protective equipment as indicated in Section 8.

Emergency procedures: Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Stop leak if you can do it without risk.

**Environmental precautions:** Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.

**Methods and material for containment and cleaning up:**

**Small Spill:**

Mop up or absorb with an inert dry material (e.g. sand, dry lime) and place in an appropriately labeled waste disposal container.

**Large Spill:**

Isolate contaminated area and set up a warning board. The persons handling emergency are recommended wearing protective clothing. Do NOT touch spilled material.

Build up dike or dig pit for collection. Containers should be clearly marked for recycling or disposed as waste.

**7. Handling and storage**

**Precautions for safe handling:**

Wash hands thoroughly after handling.

Avoid damage of packaging or containers during handling.

**Conditions for safe storage, including any incompatibilities:** Store it in a well-ventilated, cool and dry store room. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

**Incompatible substances or mixtures:** No information available.

**Packing material:** The product uses single-unit packaging.

**8. Exposure controls/personal protection**

**Occupational Exposure Limits:**

Ingredients	OSHA PEL-TWA	ACGIH TLV-TWA
Not applicable	Not applicable	Not applicable

**Engineering Controls:**

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Install washer eyes and safety showers near to the handling and storage area.

**Personal Protective Equipment (For workers):**

**Protection of Hands:** Recommend wearing protective gloves for industrial hygienic purpose.



**Protection of Eyes:** Wear safety glasses when liquid may splash.



**Respiratory Protection:** Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms occur.



**Protection of Body:** Recommend wearing general working clothing.



**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.  
Wash hands before breaks and at the end of work.  
Do not inhale vapours generated from processing.

**9. Physical and chemical properties**

<b>Physical state</b>	White non woven cloth saturated with benzalkonium chloride solution
<b>Color</b>	Colorless (liquid)
<b>Odor</b>	Slight
<b>Odor threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting point/freezing point</b>	No data available
<b>Initial boiling point and boiling range</b>	No data available
<b>Flash point</b>	No data available
<b>Flammability (solid, gas, etc.)</b>	No data available
<b>Upper/lower flammability or explosive limits</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Relative vapor density</b>	No data available
<b>Density</b>	No data available
<b>Relative density</b>	No data available
<b>Solubility (ies)</b>	No data available
<b>Partition coefficient: n-octanol/Water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Kinematic viscosity</b>	No data available
<b>Particle characteristics</b>	No data available
<b>Other information</b>	No data available

## 10. Stability and reactivity

**Reactivity:** Not reactive under normal handling and storage.

**Chemical stability:** Stable under normal temperatures and pressures.

**Possibility of hazardous reactions:** Not reactive under normal handling and storage.

**Conditions to Avoid:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

**Incompatible materials:** No information available.

**Hazardous decomposition products:** No information available.

## 11. Toxicological information

### Product Toxicity Data:

Ingredient (s)	CAS No.	LD <sub>50</sub> /LC <sub>50</sub> (Median lethal dose)
Water	7732-18-5	No data available
Benzalkonium chloride	8001-54-5	Acute toxicity (Oral) LD <sub>50</sub> : 500 mg/kg (estimated value) Data source: ECHA Acute toxicity (Dermal) LD <sub>50</sub> : 1,100 mg/kg (estimated value) Data source: ECHA Acute toxicity (Inhalation: Dust/mist) LC <sub>50</sub> : 1.5 mg/L (estimated value) Data source: ECHA
The whole product		Acute toxicity (Oral) LD <sub>50</sub> > 2,000 mg/kg (Calculated value) Acute toxicity (Dermal) LD <sub>50</sub> > 2,000 mg/kg (Calculated value) Acute toxicity (Inhalation: Dust/mist) LC <sub>50</sub> > 5 mg/L (Calculated value)
Classification of the whole product:		Not classified

**Skin corrosion/irritation:**

Benzalkonium chloride (CAS: 8001-54-5): Category 1B (Data source: ECHA)

Classification of the whole product: Not classified

**Serious eye damage/eye irritation:**

Benzalkonium chloride (CAS: 8001-54-5): Category 1 (Data source: ECHA)

Classification of the whole product: Not classified

**Sensitisation, respiratory:**

No classification for this product.

**Sensitisation, skin:**

No classification for this product.

**Germ cell mutagenicity:**

No classification for this product.

**Carcinogenicity:**

No classification for this product.

**Reproductive Toxicity:**

No classification for this product.

**Specific target organ toxicity, single exposure:**

No classification for this product.

**Specific target organ toxicity, repeated exposure:**

No classification for this product.

**Aspiration hazard:**

No classification for this product.

## 12. Ecological information

**Ecotoxicity:** No data available.

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**Mobility in Soil:** No data available.

**Other adverse effects:** No relevant information.

## 13. Disposal considerations

### Waste treatment methods:

It is recommended to use physical and chemical treatment methods for waste disposal.

Any disposal practice must be in compliance with country, local, state, and federal laws and regulations.

After contents are completely removed, dispose of its container at hazardous or special waste collection point.

Paste a label on the container indicating the possible hazards of the waste.

## 14. Transport Information

### ADR and RID / Air-Transportation- IATA/ICAO/Sea-Transportation-IMO/IMDG.:

#### Land (ADR)

UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Assigned Pictogram:	Not applicable
HIN:	Not applicable

#### Sea (IMDG)

UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Assigned Pictogram:	Not applicable
Marine pollutant (Yes/No):	No
EMS NO.:	Not applicable

#### Sea (Annex II of MARPOL 73/78 and the IBC Code)

Pollution category:	Not applicable
Ship type:	Not applicable
Product name:	Not applicable

#### Air (IATA)

UN number:	Not applicable
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UN proper shipping name: Not applicable  
 Transport hazard class(es): Not applicable  
 Packing group: Not applicable  
 Assigned Pictogram: Not applicable

**Special precautions:**

Check whether the package is completed or sealed before transporting; make sure no damage of packages and prevent goods from falling down during transporting; the transport vehicle should be equipped with facilities for fire-fighting and accidental release handling; do NOT transport this product together with incompatible substances; stay away from fire and areas of high temperature during stopovers.

**15. Regulatory information**

**United States:**

**Emergency Planning and Community Right-to-Know Act (EPCRA) section 313 chemicals:**

Chemical Name	CAS No.	Weight-%	SARA 313 – Threshold Values %
Not applicable	Not applicable	Not applicable	Not applicable

**40 CFR part 355 (Extremely Hazardous Substances):** Not listed.

**California Proposition 65 (Chemicals Known to the State to Cause Cancer or Reproductive Toxicity):**

Chemical Name	CAS No.	Type of Toxicity
Not applicable	Not applicable	Not applicable

**Clean Water Act:**

Ingredient (s)	CWA - Reportable Quantities	CWA - Hazardous Substances	CWA - Priority Pollutants	CWA - Toxic Pollutants
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

**Toxic Substances Control Act (TSCA):**

Chemical Name	CAS No.	TSCA Inventory
Water	7732-18-5	Listed
Benzalkonium chloride	8001-54-5	Not listed

**Carcinogenicity categories:** Not applicable.

**Other relevant laws and regulations:**

**Candidate List of Substances of very high concern (SVHC) according to ECHA:** Not listed.

**REACH Regulation Annex XVII Regulation List:** Not listed.

**REACH Regulation Annex XIV Authorization List:** Not listed.

**(EC) 1272/2008 Annex VI Table 3.1:**

Ingredient(s)	EC No. 1272/2008 Classification	
	CLASS. CODE	HAZARD CODE
Not applicable	Not applicable	Not applicable

**Chemical Safety Assessment:** A Chemical Safety Assessment has not been carried out.

## **16. Other information**

### **DISCLAIMER:**

All the information of this SDS is true and effective, and only for reference. Our company will not control the way how people use it, neither will we be responsible for any consequence. The users shall decide how to properly use the product or adopt certain production way for some special purpose. The above-mentioned precautionary measures are helpful to avoid damage to the property or life safety during the operation or use of this product.

### **References:**

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev.7, 2017)

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev.8, 2019)

ANSI Z400.1/Z129.1-2010

OSHA Hazard Communication Standard (HCS) 2024

### **Full description of some acronyms:**

**CAS-Chemical Abstracts Service**

**EINECS-European Inventory of Existing Commercial Chemical Substances**

**IMO-International Maritime Organization**

**IMDG-International Maritime Dangerous Goods**

**IATA-International Air Transport Association**

**ICAO-International Civil Aviation Organization**

**TSCA-Toxic Substances Control Act**

**OSHA-Occupational Safety and Health Administration**

**ACGIH- American Conference of Governmental Industrial Hygienists**

**ECHA- European Chemicals Agency**

**NITE-CHRIP- Japan National Institute of Technology and Evaluation-Chemical Risk Information Platform**

**The Issuing date:** February 26, 2026

**SDS Version:** 1.0

\*\*\*\*\*The End\*\*\*\*\*

## Safety Data Sheet (SDS)

The content and format of this SDS is accordant with 29 CFR 1910.1200 (OSHA standard)

### 1. Identification

**Product identifier:**

Product name: Alcohol pad

**Other means of identification:**

Product code: --

**Recommended use of the chemical and restrictions on use:** Alcohol Pad for cleaning wounds. Restrictions on use: No information available.

**Manufacturer/Supplier:** Ningbo Tianbo First Aid Product Co., Ltd

Address: Yushan TouVillage, Dongqiao Town, Haishu, Ningbo, China

Postcode: 315000

Tel.: +86 18069022516

Email: qa2@tbfirfirstaid.com

**Emergency phone number:** +86 18069022516

### 2. Hazards identification

**Note:** This alcohol pad is saturated with a flammable liquid and the following hazard classifications and precautions are for the flammable liquid. There is no free liquid in the container and the liquid is less than 10 mL.

**GHS classification:**

Physical hazards:	Flammable liquids - Category 3
Health hazards:	Serious eye damage/eye irritation - Category 2 Specific target organ toxicity, single exposure - Category 3 (Narcotic effects)
Environmental hazards:	Not classified

**Signal Word: Warning**

**Pictogram:**



**Hazard Statements:**

H226: Flammable liquid and vapor.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

**Precautionary Statements:**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P240: Ground and bond container and receiving equipment.

P241: Use explosion-proof [electrical/ventilating/lighting] equipment.

P242: Use non-sparking tools.

P243: Take action to prevent static discharges.  
P261: Avoid breathing gas/mist/vapours/spray.  
P264: Wash hands thoroughly after handling.  
P271: Use only outdoors or in a well-ventilated area.  
P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

**Response Precautionary Statements:**

P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
P370 + P378: In case of fire: Use dry chemicals, carbon dioxide, alcohol resistant foam, dry sand to extinguish.  
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313: If eye irritation persists: Get medical advice/attention.  
P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312: Call a POISON CENTER/doctor if you feel unwell.

**Storage precautionary statements:**

P403 + P235: Store in a well-ventilated place. Keep cool.  
P403 + P233: Store in a well-ventilated place. Keep container tightly closed.  
P405: Store locked up.

**Disposal precautionary statements:**

P501: Dispose of contents/container according to relevant local and national regulations (It is recommended to use incineration method to dispose of waste).

**Other hazards:** Not found.

### 3. Composition/information on ingredients

**Product description:** substance (); mixture (√).

Ingredient (s)	CAS No.	EC No.	% by weight
Isopropyl alcohol	67-63-0	200-661-7	70
Water, distilled, conductivity or of similar purity	7732-18-5	231-791-2	30

### 4. First aid measures

**Persons using this product should consult a physician or other medical professional if an accident involving this product results in injury. Specific first-aid measures are as follows:**

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical help if you feel unwell.

**Skin Contact:** Wash with plenty water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

**Eyes Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical help.

**Ingestion:** Rinse mouth. Do not induce vomiting without professional instruction. Get medical help if you feel unwell.

**Acute effect and delayed effect:**

Acute effect: Causes serious eye irritation. May cause drowsiness or dizziness.

Delayed effect: Not found.

**Personal protective equipment:** Wear protective gloves/protective clothing/eye protection/face protection when necessary.

**Indication of immediate medical attention and treatment needed, if necessary:** Treat according to symptoms and exposure dose.

## 5. Fire-fighting measures

**Extinguishing Media:** Use dry chemicals, carbon dioxide, alcohol resistant foam, dry sand for extinction.

**Unsuitable Extinguishing Media:** Reinforced liquid (straight stream).

**Special hazards arising from the chemical:** This product is a solid containing a flammable liquid and may catch fire if exposed to an open flame or high temperatures. If a fire occurs, harmful fumes are released, such as carbon oxides.

**Fire Fighting Method:**

For initial fire, use dry powder, carbon dioxide, etc.

For large fire, it is effective to use fire foam, etc. to shut off air supply.

Deny unnecessary entry to the place around the fire.

Remove containers from fire area if it can be done without risk.

Cool surrounding facilities, etc. with water spray.

Extinguish fire from upwind, and the fire extinguishing method should be appropriate to the situation in the surroundings.

**Special actions for fire-fighters:** Firefighters must wear self-contained breathing apparatus and full protective equipment.

Check whether the protective equipment is in good condition before use.

## 6. Accidental release measures

**Personal precautions, protective equipment, and emergency procedures:**

Personal precautions: Use proper personal protective equipment as indicated in Section 8.

Emergency procedures: Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Stop leak if you can do it without risk.

**Environmental precautions:** Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.

**Methods and material for containment and cleaning up:**

**Small Spill:**

Mop up or absorb with an inert dry material (e.g. sand, dry lime) and place in an appropriately labeled waste disposal container.

**Large Spill:**

Isolate contaminated area and set up a warning board. The persons handling emergency are recommended wearing protective clothing. Do NOT touch spilled material.

Build up dike or dig pit for collection. Containers should be clearly marked for recycling or disposed as waste.

## 7. Handling and storage

**Precautions for safe handling:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Keep container tightly closed.

Ground and bond container and receiving equipment.  
Use explosion-proof [electrical/ventilating/lighting] equipment.  
Use non-sparking tools.  
Take action to prevent static discharges.  
Avoid breathing gas/mist/vapours/spray.  
Wash hands thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

**Conditions for safe storage, including any incompatibilities:** Store it in a well-ventilated, cool and dry store room. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

**Incompatible substances or mixtures:** Strong oxidizing agents.

**Packing material:** The product uses single-unit packaging.

## 8. Exposure controls/personal protection

### Occupational Exposure Limits:

Ingredients	OSHA PEL-TWA	ACGIH TLV-TWA
Isopropyl alcohol (CAS: 67-63-0)	400 ppm ST: 500 ppm	200 ppm ST: 400 ppm

### Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Install washer eyes and safety showers near to the handling and storage area.

### Personal Protective Equipment (For workers):

**Protection of Hands:** Wear impermeable rubber gloves.



**Protection of Eyes:** Wear safety glasses when liquid may splash.



**Respiratory Protection:** Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms occur.



**Protection of Body:** Recommend wearing general working clothing.



**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.  
Wash hands before breaks and at the end of work.  
Do not inhale vapours generated from processing.

**9. Physical and chemical properties**

<b>Physical state</b>	White non woven cloth saturated with alcohol solution
<b>Color</b>	White
<b>Odor</b>	Mild alcohol odour
<b>Odor threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting point/freezing point</b>	No data available
<b>Initial boiling point and boiling range</b>	80.2°C (liquid)
<b>Flash point</b>	25.6°C (liquid)
<b>Flammability (solid, gas, etc.)</b>	Flammable liquid and vapor (liquid)
<b>Upper/lower flammability or explosive limits</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Relative vapor density</b>	No data available
<b>Density</b>	No data available
<b>Relative density</b>	No data available
<b>Solubility (ies)</b>	No data available
<b>Partition coefficient: n-octanol/Water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Kinematic viscosity</b>	No data available
<b>Particle characteristics</b>	No data available
<b>Other information</b>	No data available

**10. Stability and reactivity**

**Reactivity:** Not reactive under normal handling and storage.

**Chemical stability:** Stable under normal temperatures and pressures.

**Possibility of hazardous reactions:** Not reactive under normal handling and storage.

**Conditions to Avoid:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

**Incompatible materials:** Strong oxidizing agents.

**Hazardous decomposition products:** If a fire occurs, harmful fumes are released, such as carbon oxides.

## 11. Toxicological information

### Product Toxicity Data:

Ingredient (s)	CAS No.	LD <sub>50</sub> /LC <sub>50</sub> (Median lethal dose)
Isopropyl alcohol	67-63-0	Acute toxicity (Oral) LD <sub>50</sub> : 5,840 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD <sub>50</sub> : 12,870 mg/kg (rabbit) Data source: NITE-CHRIP
Water, distilled, conductivity or of similar purity	7732-18-5	No data available
The whole product		Acute toxicity (Oral) LD <sub>50</sub> > 2,000 mg/kg (Calculated value) Acute toxicity (Dermal) LD <sub>50</sub> > 2,000 mg/kg (Calculated value)
Classification of the whole product:		Not classified

<b>Skin corrosion/irritation:</b>	No classification for this product.
<b>Serious eye damage/eye irritation:</b>	Isopropyl alcohol (CAS: 67-63-0): Category 2 (Data source: EU CLP) Classification of the whole product: Category 2
<b>Sensitisation, respiratory:</b>	No classification for this product.
<b>Sensitisation, skin:</b>	No classification for this product.
<b>Germ cell mutagenicity:</b>	No classification for this product.
<b>Carcinogenicity:</b>	No classification for this product.
<b>Reproductive Toxicity:</b>	No classification for this product.
<b>Specific target organ toxicity, single exposure:</b>	Isopropyl alcohol (CAS: 67-63-0): Category 3 (Narcotic effects) (Data source: EU CLP) Classification of the whole product: Category 3 (Narcotic effects)
<b>Specific target organ toxicity, repeated exposure:</b>	No classification for this product.
<b>Aspiration hazard:</b>	No classification for this product.

## 12. Ecological information

### Ecotoxicity:

Isopropyl alcohol (CAS: 67-63-0):  
 96h-LC<sub>50</sub>: 10,000 mg/L, fish (Pimephales promelas) (ECHA)  
 24h-LC<sub>50</sub> > 10,000 mg/L, aquatic invertebrates (Daphnia magna) (ECHA)  
 Classification of the whole product: Not classified

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**Mobility in Soil:** No data available.

**Other adverse effects:** No relevant information.

### **13. Disposal considerations**

#### **Waste treatment methods:**

It is recommended to use incineration method to dispose of waste.

Any disposal practice must be in compliance with country, local, state, and federal laws and regulations.

After contents are completely removed, dispose of its container at hazardous or special waste collection point.

Paste a label on the container indicating the possible hazards of the waste.

### **14. Transport Information**

#### **ADR and RID / Air-Transportation- IATA/ICAO/Sea-Transportation-IMO/IMDG.:**

According to ADR Special Provision 216, IATA Special Provision A46 and IMDG Code Special Provision 216, small inner packagings consisting of sealed packets and articles containing less than 10 mL of a Class 3 flammable liquid in Packing 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. The entire product is not classified as dangerous goods for transportation as it complies with the aforementioned special regulations.

#### **Land (ADR)**

UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Assigned Pictogram:	Not applicable
HIN:	Not applicable

#### **Sea (IMDG)**

UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Assigned Pictogram:	Not applicable
Marine pollutant (Yes/No):	No
EMS NO.:	Not applicable

#### **Sea (Annex II of MARPOL 73/78 and the IBC Code)**

Pollution category:	Not applicable
Ship type:	Not applicable
Product name:	Not applicable

#### **Air (IATA)**

UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable

Packing group: Not applicable  
 Assigned Pictogram: Not applicable

**Special precautions:**

Check whether the package is completed or sealed before transporting; make sure no damage of packages and prevent goods from falling down during transporting; the transport vehicle should be equipped with facilities for fire-fighting and accidental release handling; do NOT transport this product together with incompatible substances; stay away from fire and areas of high temperature during stopovers.

**15. Regulatory information**

**United States:**

**Emergency Planning and Community Right-to-Know Act (EPCRA) section 313 chemicals:**

Chemical Name	CAS No.	Weight-%	SARA 313 – Threshold Values %
Isopropyl alcohol	67-63-0	70	1.0 (Only if it is being manufactured by the strong acid process. Facilities that process or otherwise use isopropyl alcohol are not covered and should not file a report)

**40 CFR part 355 (Extremely Hazardous Substances):** Not listed.

**California Proposition 65 (Chemicals Known to the State to Cause Cancer or Reproductive Toxicity):**

Chemical Name	CAS No.	Type of Toxicity
Not applicable	Not applicable	Not applicable

**Clean Water Act:**

Ingredient (s)	CWA - Reportable Quantities	CWA - Hazardous Substances	CWA - Priority Pollutants	CWA - Toxic Pollutants
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

**Toxic Substances Control Act (TSCA):**

Chemical Name	CAS No.	TSCA Inventory
Isopropyl alcohol	67-63-0	Listed
Water, distilled, conductivity or of similar purity	7732-18-5	Listed

**Carcinogenicity categories:** Isopropyl alcohol (CAS: 67-63-0): IARC-3.

**Other relevant laws and regulations:**

**Candidate List of Substances of very high concern (SVHC) according to ECHA:** Not listed.

**REACH Regulation Annex XVII Regulation List:** Not listed.

**REACH Regulation Annex XIV Authorization List:** Not listed.

**(EC) 1272/2008 Annex VI Table 3.1:**

Ingredient(s)	EC No. 1272/2008 Classification	
	CLASS. CODE	HAZARD CODE
Isopropyl alcohol (CAS: 67-63-0)	Flam. Liq. 2 STOT SE 3	H225 H336

Eye Irrit. 2

H319

**Chemical Safety Assessment:** A Chemical Safety Assessment has not been carried out.

## 16. Other information

### DISCLAIMER:

All the information of this SDS is true and effective, and only for reference. Our company will not control the way how people use it, neither will we be responsible for any consequence. The users shall decide how to properly use the product or adopt certain production way for some special purpose. The above-mentioned precautionary measures are helpful to avoid damage to the property or life safety during the operation or use of this product.

### References:

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Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev.8, 2019)

ANSI Z400.1/Z129.1-2010

OSHA Hazard Communication Standard (HCS) 2024

### Full description of some acronyms:

**CAS-Chemical Abstracts Service**

**EINECS-European Inventory of Existing Commercial Chemical Substances**

**IMO-International Maritime Organization**

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**IATA-International Air Transport Association**

**ICAO-International Civil Aviation Organization**

**TSCA-Toxic Substances Control Act**

**OSHA-Occupational Safety and Health Administration**

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\*\*\*\*\*The End\*\*\*\*\*