
SAFETY DATA SHEET

INHEALTH ALCOHOL SWABS

SDS No. 01

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product Identifier Product Identity INHEALTH ALCOHOL SWABS
Alternate Names Manufacturer's
Product Code 19220101

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against Identified Use For cleaning a localised body surface before a procedure or device application. For external use only.

1.3 Details of the Supplier of the Safety Data Sheet Australia

Sponsor Name Firststar Australasia Pty. Ltd
Address 6 Dalmore Drive, Scoresby, Victoria, Australia 3179

Telephone No. +61 (03) 9763 4500

Manufacturer Company Name Firststar Medical Industrial Ltd.
Address . Rm. 901, Building 2, Headquarters
Center, Tian'an High-Tech Ecological
Park, No. 555 North Panyu Ave, Panyu,
Guangzhou, 511493, China

SECTION 2 – HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Flam. Liq. 2; H225 Highly Flammable liquid and vapor. Causes
Eye Irrit. 2; H319 serious eye irritation.
STOT SE 3; H336 May cause drowsiness or dizziness.

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2.2 Label Elements

The Model Work, Health and Safety regulations **Part 7.1 sub-regulation 335(5)** exempts this therapeutic good (*within the meaning of the Therapeutic Goods Act 1989*) from GHS labeling requirements. It is in a form and package intended for intake or administration to a patient or consumers, or intended for use for therapeutic purposes.



Pictogram:

Pictograms used only as a reference

Signal Word: Danger

Safety Statements:

H225 Highly flammable liquid and vapor.
H319 Causes serious eye irritation.
H336 May cause drowsiness and dizziness.

Precautionary Statements:

Prevention:

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.
P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.

Response:

P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P337+313 If eye irritation persists: Get medical advice / attention.
P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

Storage:

P403+233 Store in a well ventilated place. Keep cool.

Disposal:

P501 Dispose of contents / container in accordance with local / national regulations.

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SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name/Chemical Designations	Weight %	GHS Classification
Isopropyl Alcohol CAS Number: 67-63-0	70	Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336
Water	30	Not Classified

The full texts of the phrases are shown in Section 16.

SECTION 4 – FIRST AID MEASURES

4.1 Description of First Aid Measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. Seek medical attention if effects persist.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart. Seek medical attention if symptoms persist.
Skin	No first aid should be needed.
Ingestion	Do not induce vomiting. Rinse mouth with water. Contact the poison control center or a physician immediately for instructions.

4.2 Most Important Symptoms and Effects, both Acute and Delayed

Acute Effects	Inhalation: Exposure to high air concentrations may cause mild irritation to nose and throat. Drowsiness, headache, and mild narcosis can occur from inhalation. Eye: Exposure to high air concentrations may cause mild irritation to eyes. Ingestion: Ingestion may cause gastrointestinal pain, cramps, drowsiness, nausea and vomiting.
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Medical Conditions

Aggravated by	Pre-existing eye, skin and respiratory disorders may be aggravated by exposure
Long-Term Exposure:	to this product.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed:None

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SECTION 5 – FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Use water spray, dry powder or carbon dioxide as the extinguishing media.

5.2 Special Hazards Arising from the Substance or Mixture

Hazardous decomposition: Oxides of Carbon

Keep away from heat / sparks / open flames / hot surfaces - No smoking.

Avoid breathing dust / fume / gas / mist / vapors / spray.

5.3 Advice for Fire-Fighters

Wear self-contained breathing apparatus and protective clothing. Do not release runoff from fire control methods to sewers or waterways.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Put on appropriate personal protective equipment (see section 8).

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.2 Environmental Precautions

Do not allow spills to enter drains or waterways.

6.3 Methods and Material for Containment and Cleaning Up

Mop or wipe up small spills. Ventilate area. Remove all sources of heat and ignition. Place broken sachets in a sealed, labelled container for disposal.

6.4 Reference to other sections

None

SECTION 7 – HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Do not use with electrocautery procedures.

For external use only. Avoid eye contact. Single use only.

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7.2 Conditions for Safe Storage, Including Any Incompatibilities

Incompatible materials: Strong oxidizing agents
 Store in a cool ($\leq 30^{\circ}\text{C}$), dry, well-ventilated area away from strong oxidizing agents, sources of heat, sparks, and open flames.

7.3 Specific End Use(s)

No data available

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Exposure

CAS No.	Ingredient	Source	Value
67-63-0	Isopropyl Alcohol	NOHSC/HSIS	TWA 400ppm (983 mg/m ³)STEL 500 ppm
		OSHA	TWA 400 ppm (980 mg/m ³)STEL 500 ppm
		ACGIH	TWA: 200 ppm STEL: 400 ppm Revised 2003,
		NIOSH	TWA 400 ppm (980 mg/m ³) ST 500 ppm (1225 mg/m ³)

Carcinogen Data

CAS No.	Ingredient	Source	Value
67-63-0	Isopropyl Alcohol	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;

8.2 Exposure Controls

Respiratory	None required for normal use.
Eyes	None required for normal use.
Skin	None required for normal use.
Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
Other Work Practices	Use good personal hygiene practices. Wash hands before eating,

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drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse. Where many wipes are to be used consecutively, it may be advisable to wear solvent resistant gloves (e.g. Butyl, Nitrile Rubber, Neoprene or for short exposures, PVC) and eye protection.

See section 2 for further details. - Prevention:

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

Appearance	Non-Woven pad impregnated with 70% Isopropyl Alcohol
Odour	Alcohol Odour
Odour Threshold	Not Determined
pH	Not Determined
Melting Point/ Freezing Point	Not Determined
Initial boiling point and boiling range	89°C (<i>Literature Value</i>)
Flash Point	82 °C (<i>Literature Value</i>)
Evaporation rate (Ether = 1)	11.7°C TCC
Flammability (Solid, gas)	2.83 (nBuAc = 1)
Upper/Lower Flammability or Explosive Limits	N/A
	Lower Explosive Limit: 2% (<i>Literature Value</i>)
	Upper Explosive Limit: 12.7% (<i>Literature Value</i>)
Vapour pressure (Pa)	33mmHg at 20 °C (<i>Literature Value</i>)
Vapour Density	2.1 (Air = 1) (<i>Literature Value</i>)
Specific Gravity	0.79 (H ₂ O = 1) (<i>Literature Value</i>)
Solubility in Water	0.05 (<i>Measured Value</i>)
Partition coefficient n-octanol/ water (Log KoW)	Not Measured
Auto-ignition temperature	399°C (<i>Literature Value</i>)
Decomposition temperature	Not Available
Viscosity (cSt)	Not Determined
VOC Content	Not Available

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SECTION 10 – STABILITY AND REACTIVITY

10.1 Reactivity

Hazardous Polymerization will not occur.

10.2 Chemical Stability

Stable under normal circumstances.

10.3 Possibility of Hazardous Reactions

Carbon monoxide and unidentified organic compounds may be formed during combustion.

10.4 Conditions to Avoid

Avoid excessive heat, open flames and all ignition sources.

10.5 Incompatible Materials

Strong oxidizing agents.

10.6 Hazardous Decomposition Products

Oxides of Carbon

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise (due to the presence of Isopropyl Alcohol) if the product is mishandled are listed as follows:

Isopropyl Alcohol

Swallowed: Headache, dizziness, nausea. Swallowing a minor amount may cause throat irritation and vomiting.

Eye: Vapour irritates the eyes at concentrations above 400ppm. Direct eye contact may cause eye irritation, pain and redness.

Skin: Brief exposure is not irritating but prolonged contact can be irritating.

Inhalation: Mild irritation to the nose, throat and upper respiratory tract can occur at concentrations above 400ppm.

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11.2 Additional Toxicological Information

No information available.

SECTION 12 – ECOLOGICAL INFORMATION

12.1 Toxicity

The preparation is not considered as dangerous for the environment due to the small quantity of flammable solvent contained in each wipe.

12.2 Persistence and Degradability

There is no data available on the preparation itself.

12.3 Bioaccumulative Potential

Not Measured

12.4 Mobility in Soil

No data available.

12.5 Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6 Other Adverse Effects

No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Dispose of in accordance with local waste regulations. Where several wipes have been opened and used, place in a sealed, labelled container for later disposal. May be incinerated in an approved facility. May be left to evaporate in a controlled place with no ignition sources.

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Used wipes may be required to be disposed of in accordance with the local authority's infectious waste requirements.

SECTION 14 – TRANSPORT INFORMATION

Not defined as a Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

14.1 UN Number	Not Regulated as per IATA, Special Provision A46
14.2 UN Proper Shipping Name	Not Regulated as per IMDG, Special Provision 216
14.3 Transport Hazard Class	Not Regulated as per IMDG, Special Provision 216
14.4 Packing Group	Not Regulated
14.5 Environmental Hazard	Not Regulated
14.6 Special Precautions for User	No further information

SECTION 15 – REGULATORY INFORMATION

Poison Schedule Not a Scheduled Poison.

SECTION 16 – OTHER INFORMATION

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.
H319 Causes serious eye irritation.
H336 May cause drowsiness and dizziness.

The information and recommendations contained herein are based upon data believed to be correct and in accordance with the requirements of the Work Health and Safety Regulations. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. This information is provided specifically in order to assist users of the product to make their assessment of health risks. Provision of this information does not preclude users from seeking advice from other sources. It is the user's responsibility to satisfy itself that the product is suitable for the intended use. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders. The information is intended to cover potential hazards at the place of work and does not detail medical uses, indications, contraindications and precautions for the treatment of the patient.