

## Safety Data Sheet

### 1. Identification of Chemical Product and Company

<b>Product Identifier:</b>	<b>SuperSan Hand Sanitising Gel</b>
<b>Product Code:</b>	<b>SSGel</b>
<b>Recommended Use:</b>	Hand Sanitiser
<b>Restriction on Use:</b>	This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. Cosmetics and consumer products, specifically defined by regulations around the world, are exempt from the requirement of an SDS for the consumer. This SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. This SDS should be retained and available for employees and other users of this product. For specific intended use guidance, please refer to the information provided on the package.
<b>Company Information:</b>	Pharmavet Pty Ltd
<b>Address:</b>	92 Antimony Street, Carole Park, QLD 4300
<b>E-mail:</b>	<a href="mailto:info@pharmavet.net.au">info@pharmavet.net.au</a>
<b>Customer Centre:</b>	07 3271 4411
<b>National Poisons Information Centre:</b>	13 11 26 (Australia Wide)

### 2. Hazard Identification

**Hazard Classifications:** This product is hazardous according to health criteria of SWA.



**Signal Word:**  
Danger

**Hazard Classifications:**  
Flammable Liquids - Category 3  
Serious Eye Damage/Irritation - Category 2A

**Hazard Statements:**

H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.

**Prevention Precautionary Statements:**

P102 Keep out of reach of children.  
P103 Read label before use.  
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response Precautionary Statements:**

P101 If medical advice is needed, have product container or label at hand.  
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.

**Storage Precautionary Statement**

P403+P235 Store in a well-ventilated place. Keep cool.

**Disposal Precautionary Statement**

P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

**Poison Schedule:** Not Applicable

**ADG Classification:**

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

**Dangerous Goods Class: 3**

Classified as a C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

**3. Composition/Information on Ingredients**

Chemical name	CAS No.	Content
Ethanol	64-17-5	>60%
Aloe vera, extract	85507-69-3	<10%
Ingredients determined to be non-hazardous		To 100%

#### 4. First Aid Measures

**General information:** Consult the National Poisons Centre on 13 11 26 or a doctor immediately in every case of suspected chemical poisoning. Never give fluids or induce vomiting if a patient is unconscious or convulsing regardless of cause of injury. If medical advice/attention is needed, have this SDS, product container or label at hand.

**Inhalation:** Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

**Ingestion:** If swallowed or gets in mouth, do NOT induce vomiting. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Never give liquid to a person showing signs of being sleepy or with reduced awareness; ie becoming unconscious. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. If symptoms develop, or if in doubt, contact a Poisons Information Centre or a doctor.

**Skin:** Not applicable, this product is intended to be in contact with human skin.

**Eye:** If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital. Take special care if exposed person is wearing contact lenses.

**Recommended First Aid Facilities:** Ready access to running water is required. Accessible eyewash is required.

**Advice to Doctor:** Treat symptomatically and supportively

#### 5. Fire Fighting Measures

**Suitable extinguishing media:** Water spray  
Alcohol-resistant foam  
Dry chemical  
Carbon dioxide (CO<sub>2</sub>)

**Unsuitable extinguishing media:** High volume water jet

**Specific hazards during fire-fighting:** Do not use a solid water stream as it may scatter and spread fire.  
Flash back possible over considerable distance.  
Vapours may form explosive mixtures with air  
Exposure to combustion products may be a hazard to health

**Hazardous combustion products:** Carbon oxides

**Specific extinguishing methods:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use water spray to cool unopened containers.  
Remove undamaged containers from fire area if it is safe to do so.  
Evacuate area.

**Special protective equipment for firefighters:** In the event of fire, wear self-contained breathing apparatus  
Use personal protective equipment

**Hazchem Code:** ●3Y

## 6. Accidental Release Measures

### Small Spills:

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

### Large Spills:

If safe to do so, shut off all possible sources of ignition. Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Use a spark-free shovel. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

### Spills and Disposal:

This product is sold in small packages, and the accidental release from one of these is not usually a cause for concern. For small spills, clean up spilled product then wipe area and put empty container in garbage. Although no special protective clothing is normally necessary because of occasional minor contact with this product, it is good practice to wear impermeable gloves when handling chemical products. For large spills, exclude non-essential people from the area. Prevent spillage from entering drains or water courses. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal.

## 7. Handling and Storage

**Handling:** Avoid eye contact or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols.

**Storage:** Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use – check regularly for leaks. Keep out of reach of children.

Classified as a C1 (COMBUSTABLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

This material is classified as a Class 3 Flammable Liquid as per the criteria of the “Australian Code for the Transport of Dangerous Goods by Road & Rail” and must be stored in accordance with the relevant regulations.

## 8. Exposure Controls/Personal Protection

This SDS describes personal protective measures relating to long term industrial and manufacturing exposure and emergency situations, such as accidents and spills. See product label for personal protective measures during normal use of the marketed product.

### National Occupational Exposure Limits:

	TWA		STEL		NOTICES
	ppm	mg/m3	ppm	mg/m3	
Ethanol	1000	1880	-	-	-

As published by Safe Work Australia

TWA – the time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life

STEL (Short Term Exposure Limit) – the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

**Biological Limit Values:** As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

**Engineering Measures:** Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Use with local exhaust ventilation or while wearing appropriate respirator.

**Personal Protection Equipment:** SAFETY SHOES, OVERALLS  
Wear safety shoes and overalls.

**Hygiene measures:** Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

## 9. Physical and Chemical Properties

**Appearance:** Clear/slightly cloudy colourless gel

**Odour:** alcohol-like

**Odour Threshold:** Not Available

**pH:** 6.5-8.5

**Melting Point/**

**Freezing Point:** Not Available

**Initial Boiling Point**

**And Boiling Range:** Not Available

**Flashpoint:** 25°C

**Evaporation Rate:** Not Available

**Oxidising properties:** not classified as oxidising.

**Upper/Lower Flammability or Explosive Limits:** Not Available

**Vapour Pressure:** Not Available

**Vapour Density:** Not Available

**Relative Density:** 0.88g/cm<sup>3</sup>

**Solubility in Water:** soluble

**Partial Coefficient:** Not Applicable

**Auto-Ignition Temperature:** Not Available

**Decomposition Temperature:** not classified as self-reactive

**Viscosity:** 3,500-23,000mm<sup>2</sup>/s (20°C)

## 10. Stability and Reactivity

**Stability:** This material is thermally stable when stored and used as directed.

**Conditions to Avoid:** Elevated temperatures and/or direct sunlight and sources of ignition.

**Incompatible Materials:** Oxidising agents

**Hazardous Decomposition Products:** Fire decomposition products are carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Nitrogen and its compounds, and under some circumstances, oxides of nitrogen are created.

## 11. Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

### Acute Effects

**Skin Contact:** Not applicable, this product is intended to be in contact with human skin

**Eye Contact:** the mixture is considered to be an eye irritant.

**Inhalation:** Material may be an irritant to mucous membranes and respiratory tract.

**Ingestion:** Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

### **Acute Toxicity**

**Inhalation:** This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >20mg/L

LC50(Rat): 5,900mg/3/6hr (Ethanol)

**Skin Contact:** This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000mg/Kg

**Ingestion:** This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000mg/Kg

LC50(Rat): 7,060mg/Kg (Ethanol)

**Corrosion/Irritancy:** Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes).

Skin: this material has been classified as not corrosive or irritating to skin.

**Sensitisation:** Inhalation: this material has been classified as not a respiratory sensitiser.

Skin: this material has been classified as not a skin sensitiser.

**Aspiration hazard:** This material has been classified as non-hazardous.

**Specific target organ toxicity (single exposure):**

This material has been classified as non-hazardous.

### **Chronic Toxicity**

**Mutagenicity:** This material has been classified as non-hazardous.

**Carcinogenicity:** This material has been classified as non-hazardous.

**Reproductive toxicity(including via lactation):** This material has been classified as non-hazardous.

**Specific target organ toxicity (repeat exposure):** This material has been classified as non-hazardous.

## **12. Ecological Information**

Avoid contaminating waterways

**Acute aquatic hazard:** This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

**Long-term aquatic hazard:** This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log Kow < 4.

**Ecotoxicity:** No information available.

**Persistence and degradability:** The product is readily biodegradable.

**Bioaccumulative potential:** No information available.

**Mobility:** No information available.

### 13. Disposal Information

There are many pieces of legislation covering waste disposal and they differ in each state and territory, so each user must refer to laws operating in their area. In some areas, certain wastes must be tracked. The hierarchy of controls seems to be common – the user should investigate: reduce, reuse and recycle and only if all else fails should disposal be considered. Note that properties of a product may change in use, so that the following suggestions may not always be appropriate. The following may help you in properly addressing this matter for this product. This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. If neither of these options are suitable, consider controlled incineration or landfill.

Dispose of product only as according to the label or at an approved landfill, if possible material and its container should be recycled.

### 14. Transport Information

#### ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by "Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".



#### National Regulations:

##### ADG

UN number: UN 1987  
Proper shipping name: ALCOHOLS, N.O.S. (Ethanol, Propan-2-ol)  
Class: 3  
Packing group: III  
Labels: 3  
Hazchem Code: •3Y

### 15. Regulatory Information

#### This material/constituent(s) is covered by the following requirements:

All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).

### 16. Other Information

This information is based on data believed by Pharmavet Pty Ltd to be accurate at the time of writing but is subject to change without notice. It is given in good faith, but no warranty expressed or implied is made as to its accuracy, completeness otherwise and no assumption of liability from howsoever arising is made by Pharmavet Pty Ltd by reason of the provision of this information. Every person dealing with the materials referred to herein does so at his/her own risk absolutely and must make independent determinations of suitability and completeness of information from all sources to ensure their proper use.



**Legend:**

ADG	Australian code for the transport of dangerous goods by Road & Rail, 7 <sup>th</sup> Edition
ADI	Acceptable Daily Intake
AICS	Australian inventory of chemical substances
APVMA	Australian Pesticides and Veterinary Medicines Authority
CAS No.	Chemical Abstracts Service Registry Number
GHS	Globally Harmonised System of Classification and Labelling of Chemicals
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
LD <sub>50</sub>	The median lethal dose, being a statistically derived single dose of a substance that can be expected to cause death in 50% of animals
NICNAS	National Industrial Chemicals Notification and Assessment Scheme
NOEL	No-Observable-Effect-Level
PPE	Personal Protective Equipment
SDS	Safety Data Sheet
STOT	Specific Target Organ Toxicity
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons.
SWA	Safe Work Australia

**This version issued:** 12 January 2019 and is valid for 5 years from this date

**Supersedes:** This SDS supersedes the Australian Contract Manufacturing Version issued December 2014.

**Revision History:**

Date of Revision	Reason
12 January 2019	Reclassification of substance to GHS classification and update of SDS to comply with SWA Code of Practice Update Company details.

END SDS