

# Geller Softshield Hand Sanitiser

## Safety Data Sheet

### 1. Identification of Substance & Company

#### Product

Product name	Geller Softshield Hand Sanitiser
Product code	NA
HSNO approval	HSR002552
Approval description	Cosmetic Products Group Standard
UN number	1170
Proper Shipping Name	Ethanol Solution
DG class	3
Packaging group	II
Hazchem code	NA
Uses	Hand Sanitiser (pump dispensed)

#### Company Details

Company	Integra Industries Ltd
Address	21A Grosvenor St , South Dunedin
Telephone	0800 667 843
Website	www.integraindustries.co.nz

**Emergency Telephone Number: 0800 764 766**

### 2. Hazard Identification

#### Approval

The HSNO Approval Number for this product is the Cosmetic Products Group Standard HSR002552. The substance has been classified as hazardous according to the criteria in the Hazardous substances (Hazard Classification) Notice 2020.

#### GHS 7 Classes

Flammable liquid Category 2  
Eye irritation Category 2

#### Hazard Statements

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

#### SYMBOLS

# DANGER



#### Other Classifications

There are no other classifications that are known to apply

#### Precautionary Statements

##### Prevention

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.  
P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P264: Wash thoroughly after handling.  
P280: Wear eye protection/face protection.  
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 fires: Use carbon dioxide, dry chemical, foam, water fog, water spray, sand or dolomite for extinction.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

# Geller Softshield Hand Sanitiser

## Safety Data Sheet

P337+P313: If eye irritation persists: Get medical advice/attention.

**Response** P P337 + P315: If eye irritation persists: Get medical advice/attention. P370 + P378: In case of fire: Use water 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.

**Storage** P403: Store in a well-ventilated place.

**Disposal** P501 - Dispose of contents/container in accordance with local/regional/national/international regulation.

### 3. Composition / Information on Ingredients

Component	CAS/ Identification	Concentration
Denatured Ethyl Alcohol	64-17-5	60 - 75
Water	7732-18-5	25-35
Glycerol, 1,2,3-Propanetriol	56-81-5	<5
Carbomer	9003-01-4	<1
Triethanolamine	102-71-6	<1
Total		Up to 100%

This is a commercial product whose exact ratio of components may vary slightly. Trace quantities of impurities are also likely.

### 4. First Aid

#### General Information

If medical advice is needed, have product container or label at hand. You should call the National Poisons Centre if you feel that you may have been harmed or irritated by this product. The number is 0800 764 766 (0800 POISON) (24 hr emergency service).

Recommended first aid facilities Ready access to running water is recommended. Accessible eyewash is recommended.

#### Exposure

**Swallowed** IF SWALLOWED: Do not induce vomiting. If the person is conscious and not convulsing, rinse the mouth. Seek medical attention.

**Eye Contact** 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.

**Skin Contact** IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water or shower.

**Inhaled** IF INHALED, Move the person to fresh air and keep them at rest. If symptoms persist, seek medical attention.

#### Advice to Doctor

Treat symptomatically

### 5. Firefighting Measures

**Fire and explosion hazards:** Highly flammable.  
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. In case of fire: keep drums, etc., cool by spraying with water.

**Suitable Extinguishing Media:** Highly flammable liquid and vapor: will be easily ignited by heat, sparks or flames. Vapors may form explosive mixtures with air.

**Unsuitable extinguishing substances:** Unknown.

**Products of combustion:** No data

**Protective equipment:** Self-contained breathing apparatus with full-face mask and full protective clothing (standard wear).

# Geller Softshield Hand Sanitiser

## Safety Data Sheet

### Additional Information

Be aware of the possibility of re-ignition. This product gives off flammable vapours which may form explosive mixtures with air.

## 6. Accidental Release Measures

### Procedures to be Covered

Small spills: allow to evaporate if it is safe to do so or contain and absorb using earth, sand or other inert material then transfer into suitable containers for recovery or disposal. Ventilate the contaminated area thoroughly.

Large spills: Dike or dam to contain for later disposal. Contact emergency authorities.

### Environmental Precautions

Try to prevent the material from entering drains or water courses. Advise authorities if spillage has entered water course or sewer or has contaminated soil or vegetation.

### Precautions

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

## 7. Storage and Handling

### Storage

Storage area should be cool, dry, well ventilated, out of direct sunlight and separated from oxidants and strong mineral acids. Store in original containers. Store away from sources of heat or ignition. Incompatible materials: natural rubber, PVC, methyl-methacrylate plastics, polyamides, zinc, brass, aluminium under certain conditions.

### Handling

Store in tightly closed containers in cool, dry, isolated, well-ventilated area. Avoid inhaling vapour. Avoid contact with eyes, skin and clothing. Suitable equipment for dealing with fires, spills and leaks must be readily available. Earth all equipment. Use explosion protected electrical equipment and lighting. Do not smoke eat or drink in areas of use and storage. Use closed- system transfers wherever possible. Earth (ground) lines and equipment used during transfer to reduce possibility of static spark initiated fire or explosion. Clearly label containers with the contents and hazard warnings.

### Packaging

Keep the container tightly closed in a well-ventilated place. Ensure containers are tightly sealed to prevent leakage and evaporation.

## 8. Exposure Controls / Personal Protective Equipment

### Workplace Exposure Standards

A workplace exposure standard (WES) has not been established by WorkSafe NZ for this product. There is a general limit of 3mg/m<sup>3</sup> for respirable particulates and 10mg/m<sup>3</sup> for inhalable particulates when limits have not otherwise been established.

### NZ Workplace Exposure Standards

Ingredient	WES-TWA	WES-STEL
EXPOSURE LIMITS: Worksafe WES*		
• Ethyl alcohol (CAS no. 64-17-5)	TWA 200 ppm, 380 mg/m <sup>3</sup> ; STEL 800 ppm, 1520 mg/m <sup>3</sup>	
• Glycerin (CAS no. 56-81-5) (mist)	TWA 10 mg/m <sup>3</sup>	

\*New Zealand workplace Exposure Standards.

### Engineering Controls

Provide adequate ventilation in the warehouse.

### Personal Protective Equipment

#### General

Personal Protective Equipment (PPE) should not be used as the primary

# Geller Softshield Hand Sanitiser

## Safety Data Sheet

means of exposure protection, except in the event of an accident or emergency situation or where all other means of protection have proven to be inadequate. Clean PPE after use or dispose of as appropriate. Store PPE for re-use in a clean place. Regular training on the correct use of PPE should be provided. In particular the correct fitting and use of respirators and where applicable the cleaning of respirators should be undertaken.



**Eyes**

Face shield and safety goggles.



**Skin**

Wear gloves with breakthrough times > 480 minutes: Nitrile rubber gloves. Butyl rubber gloves. The exact choice of glove type depends on the type of work being undertaken. Gloves should be chosen in consultation with a glove manufacturer and after a full assessment of the working conditions. Gloves should be replaced regularly.



**Body**

Standard work wear and safety boots for normal handling and use. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory**

Use with adequate ventilation. In case of insufficient local exhaust ventilation and/or handling with open equipment: Respiratory air-fed breathing apparatus if there is a risk of exposure to high vapour concentrations.

### WES Additional Information

Not applicable

### 9. Physical & Chemical Properties

<b>Appearance</b>	Clear Gel
<b>Odour</b>	Alcohol
<b>Odour Threshold</b>	no data
<b>pH</b>	7.0-8.0
<b>Freezing/Melting Point</b>	No data
<b>Boiling Point</b>	No data
<b>Flashpoint</b>	No data
<b>Upper &amp; lower flammable limits</b>	No data
<b>Vapour pressure</b>	No data
<b>Vapour density</b>	No data
<b>Specific gravity/density @ 20C</b>	0.9-1.3
<b>Solubility</b>	Soluble in water
<b>Flammability</b>	Flammable
<b>Auto-ignition temperature</b>	No data
<b>Decomposition temperature</b>	No data
<b>Viscosity</b>	25,000-35,000
<b>Particle Characteristics</b>	No data

### 10. Stability & Reactivity

<b>Stability</b>	Stable under normal conditions of storage and handling.
<b>Conditions to be avoided</b>	Avoid using open-top containers. Avoid high temperature and ignition sources.
<b>Materials to Avoid</b>	Avoid strong mineral acids and oxidising agents. Avoid aluminium at high temperatures. Chemical danger: Reacts slowly with calcium hypochlorite, silver oxide and ammonia. This generates fire and explosion hazards. Reacts violently with strong oxidants such as nitric acid, silver nitrate, mercuric nitrate and magnesium perchlorate. This generates fire and explosion hazards.
<b>Hazardous decomposition products</b>	Combustion will generate oxides of carbon.

# Geller Softshield Hand Sanitiser

## Safety Data Sheet

### 11. Toxicological Information

#### Summary

#### Supporting Data

<b>Acute</b>	<b>Toxicity Dermal</b>	Mildly toxic – Alcohol Intoxication possible. Using LD50's for ingredients, the Acute Toxicity Estimate (ATE) (dermal) for the mixture is >2,000 mg/kg.
	<b>Inhaled</b>	Using LD50's for ingredients, the Acute Toxicity Estimate (ATE) (inhalation) for the mixture is >5mg/L/4h.
	<b>Eye</b>	Not tested. Based on information on individual substances and concentrations, the mixture may cause serious eye damage /eye irritation.
	<b>Skin</b>	Not tested. Based on information on individual substances and concentrations, the mixture is not expected to cause skin corrosion/irritation.
<b>Chronic</b>	<b>Sensitisation</b>	No ingredient present at concentrations > 0.1% is considered a sensitizer.
	<b>Mutagenicity</b>	Not tested. Based on information on individual substances and concentrations, the mixture is not expected to cause cell mutagenicity.
	<b>Carcinogenicity</b>	Not tested. Based on information on individual substances and concentrations, the mixture is not expected to cause cell Carcinogenicity.
	<b>Reproductive / Developmental</b>	Not tested. Based on information on individual substances and concentrations, the mixture is not expected to cause reproductive toxicity.
	<b>Sytemic</b>	No ingredient present at concentrations > 1% is considered a target organ toxicant. None known.
	<b>Aggravation of existing condition</b>	
	<b>STOT – Single Exposure</b>	Not tested. Based on information on individual substances and concentrations, the mixture is not expected to cause specific target organ toxicity.
	<b>STOT – Repeated Exposure</b>	Not expected to cause toxicity to a specific target organ
	<b>Aspiration Hazard</b>	Not tested. Based on information on individual substances and concentrations, the mixture is not expected to cause cell aspiration hazard.

### 12. Ecological Data

#### Summary

This mixture is not considered ecotoxic however in all cases prevent run-off to drains, sewers and waterways.

#### Supporting Data

<b>Aquatic</b>	Not tested. Based on information on individual substances and concentrations, the mixture is unlikely to incur environmental harm in normal usage and dilution.
<b>Bioaccumulation</b>	Not tested. Information is not available.
<b>Mobility</b>	Not tested. Information is not available.
<b>Degradability</b>	Not tested. Information is not available.
<b>Soil</b>	Not tested. Information is not available.
<b>Terrestrial vertebrate</b>	Not tested. Information is not available.
<b>Terrestrial invertebrate</b>	Not tested. Information is not available.
<b>Biocidal</b>	Not tested. Information is not available.
<b>Environmental Protection</b>	Prevent this material entering waterways, drains and sewers.

### 13. Disposal Considerations

# Geller Softshield Hand Sanitiser

## Safety Data Sheet

**Restrictions**  
**Disposal method**

No information available.  
Dispose of in accordance with all applicable local and national regulations.  
Do not cut, puncture or weld on or near to the container. Labels should not be removed from containers until they have been cleaned. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate.

### 14. Transport Information

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)  
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.  
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea  
There are no specific restrictions for this product (not a dangerous good).

<b>UN number:</b>	1170	<b>Proper shipping name:</b>	Ethanol solution
<b>Class(es)</b>	3	<b>Packing group:</b>	II
<b>Precautions:</b>	NA	<b>Hazchem code:</b>	
<b>IMDG</b>			
<b>UN number:</b>	NA	<b>Proper shipping name:</b>	NA
<b>Class(es)</b>	NA	<b>Packing group:</b>	NA
<b>Precautions:</b>	NA	<b>EmS:</b>	NA
<b>IATA</b>			
<b>UN number:</b>	NA	<b>Proper shipping name:</b>	NA
<b>Class(es)</b>	NA	<b>Packing group:</b>	NA
<b>Precautions:</b>	NA	<b>ERG Guide</b>	NA

### 15. Regulatory Information

<b>HSNO approval number/ relevant group standard title</b>	The HSNO Approval Number for this product is the Cosmetic Products Group Standard HSR002552.
<b>Reference to any tolerable exposure limit</b>	WorkSafe New Zealand
<b>Reference to relevant regulatory requirements</b>	<p>Identification and labeling Regulations</p> <ul style="list-style-type: none"> <li>• Hazardous Substances (Classification) Notice 2017</li> <li>• Hazardous Substances (Labelling) Notice 2017 including clause 31 alternative compliance for imported and manufactured goods for labelling</li> <li>• Hazardous Substances (Amendments and Clauses 4, 8, 9, 10, Part C, Schedules 1, 2 Cosmetics New Zealand – MSDS Models Copyright: Cosmetics New Zealand Page 641 of 642 Revocations) Notice 2020</li> <li>• Hazardous Substances (Safety Data Sheets) Clauses 9(2)(a) and 10(2)(a)</li> <li>• Notice 2017 Amendment 2021 Storage and handling</li> <li>• Hazardous Substances (Hazardous Property Controls) Notice 2017 Packaging Regulations</li> <li>• Hazardous Substances (Packaging) Notice 2017 including clause 14</li> <li>• alternative compliance for imported goods Disposal Regulations</li> <li>• Hazardous Substances (Disposal) Notice 2017 Emergency Management</li> <li>• Other Regulations</li> <li>• Hazardous Substances (Forms and Information) Notice 2017</li> <li>• Hazardous Substances (Minimum Degrees of Hazard) Notice 2017 Tracking:</li> <li>• Not required under Hazardous Substances (Hazardous Property Controls)</li> <li>• Notice 2017 Certified Handlers</li> <li>• Required under Health and Safety at Work (Hazardous Substances)</li> </ul>

# Geller Softshield Hand Sanitiser

## Safety Data Sheet

	Regulations 2017 when storage or handling exceeds threshold (Hazardous Substances) Regulations 2017 <ul style="list-style-type: none"><li>• Transport:</li><li>• Land Transport Rule 45001/2005</li><li>• Transport Standard NZS: 5433-1999</li></ul>
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### Other Legislation

In New Zealand, the use of this product may come under the Resource Management Act and Regulations, the Health and Safety at Work Act 2015 and the Health and Safety at Work (General Risk and Workplace Management) Regulations 2016, local Council Rules and Regional Council Plans.

## 16. Other Information

### References

#### Abbreviations and acronyms

GHS: Globally Harmonised System WES: Workplace Exposure Standard.

### Review

#### Date

1 April 2025

#### Reason for review

Phone number updated

### Disclaimer

This SDS was prepared by INTEGRA INDUSTRIES LTD and is based on our current state of knowledge, including information obtained from suppliers. The SDS is given in good faith and constitutes a guideline (not a guarantee of safety). The level of risk each substance poses is relevant to its properties (as summarised in the SDS) AND HOW THE SUBSTANCE IS USED. While guidelines are given for personal protective equipment, such precautions must be relevant to the use. The likely GHS 7 classifications for this SDS have been estimated based on general information from the supplier (e.g., hazard, toxicological). This SDS is copyright INTEGRA INDUSTRIES LTD and must not be copied, edited or used for other than intended purpose. To contact the SDS author, email [sales@integraindustries.co.nz](mailto:sales@integraindustries.co.nz) or phone: +64 3 455 6805.