

### Section 1: Identification of the Substance/Mixture and of Supplier

**Product name:** SANITISING HAND SPRAY

**Recommended use:** Sanitising Hand Gel  
**Supplier:** Space Industries Limited  
**Street Address:** 160 Plunket Ave,  
 Wiri, Auckland  
 New Zealand

**Telephone Number:** + 64 9 262 3902

**Facsimile:** + 64 9 262 3948

**E-mail:** [orders@spaceindustries.co.nz](mailto:orders@spaceindustries.co.nz)

**Website:** [www.spaceindustries.co.nz](http://www.spaceindustries.co.nz)

**Emergency Telephone:** 0800 764 766 (all hours)

**Date of preparation:** FEBRUARY 2022

### Section 2: Hazards Identification



**HSNO Classification:** 3.1 - Flammable liquid

**Hazard Classification:** 3.1B, 6.4A, 9.1D

### Section 3: Composition/information on ingredients

**Product Description:** Sanitising hand gel  
 Clear hand gel

**Components:** Ethanol

**CAS Number:** 64-17-5

**Proportion:** 70-80%

**Risk Phrases:** R11 Highly flammable  
 R20/22 Harmful by inhalation and if swallowed  
 R36 Irritating to eyes

### Section 4: First Aid Measures

**Show this Safety Data Sheet to a Doctor**

**Short term exposure by all routes is considered to be harmful.**

**Inhalation:** Remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, begin artificial respiration. Use mouth-to-nose rather than mouth-to-mouth. Seek immediate medical attention.

**Skin Contact:** Immediately flush with large quantities of water.

<b>Eye Contact:</b>	Ensure all contaminated clothing is removed and washed thoroughly. Hold eyes open and carefully rinse eyes with running water. Remove contact lenses, if present and easy to do. If irritation persists, get medical attention.
<b>Ingestion:</b>	Rinse mouth. Do NOT induce vomiting. Immediately call a Poison Centre or doctor for treatment advice. Contact a Doctor or the Poisons Information Centre (0800 764 766) for further advice If unwell and in every case of suspected poisoning. Never give fluids or induce vomiting if the person is unconscious or convulsing regardless of the cause of injury. If breathing difficulties occur, seek medical attention immediately.
For advice, contact the Poisons Information Centre 0800 764 766 or a doctor	

**Section 5: Fire Fighting Measures**

<b>Specific Hazards:</b>	Expansion or decomposition of containers may lead to violent rupture of containers.
<b>Suitable Extinguishing Media:</b>	CO2, dry chemical powder, foam. Water spray or fog on large fires only.
<b>Fire-fighting advice:</b>	FLAMMABLE Wear self-contained breathing apparatus and personal protection equipment.

**Section 6: Accidental Release Measures**

<b>Procedures to be covered:</b>	Ensure adequate ventilation.
<b>Spills:</b>	Absorb with dry earth, sand or similar material, shovel up and dispose of in an area approved by local authority by-laws. Small spillage's may be safely mopped up or flushed to the drain with water, if permitted.
<b>Disposal:</b>	Do not incinerate.

**Section 7: Handling and Storage**

<b>Handling:</b>	Keep out of reach of children. Read label before use. Wear full protective clothing to avoid splashes. No smoking.
<b>Storage:</b>	<b>Highly flammable liquid.</b> No smoking. Keep in tightly closed original container in a cool dry place, out of reach of children and away from food, drink and animal foodstuffs. Protect containers from physical damage.

**Section 8: Exposure Controls/Personal Protection**

<b>Exposure Limits:</b>	T.W.A. for ethanol = 1000ppm
<b>Engineering Control Measures:</b>	HIGHLY FLAMMABLE LIQUID. On burning will emit noxious fumes. Should be stored in an approved bonded "Flammable Liquids" area.

<b>Personal Protective Equipment:</b>	Protect eyes with safety glasses where there is risk of splashes. Gloves recommended avoiding degreasing/drying of skin. Use in a well-ventilated area.
---------------------------------------	---

### Section 9: Physical and Chemical Properties

<b>Physical state:</b>	Gel
<b>Colour:</b>	Clear
<b>Odour:</b>	Alcohol odour
<b>Solubility:</b>	Completely miscible
<b>Specific Gravity/Bulk Density:</b>	S.G. 0.87
<b>Vapour Pressure (20 °C):</b>	Not available
<b>Flash Point (°C):</b>	21.0°C (TCC) Flammable liquid
<b>Density at 20°C:</b>	0.79
<b>PH:</b>	6.0 – 8.0

### Section 10: Stability and Reactivity

<b>Stability:</b>	Avoid naked flames, sparks, and hot surfaces as low flashpoint. Forms explosive mixtures with air. Hygroscopic.
<b>Conditions to avoid:</b> <b>Incompatible materials:</b>	Avoid contact with strong oxidizing agents, peroxides, acid chlorides, acid anhydrides, alkali metals, and ammonia.
<b>Hazardous decomposition products:</b>	Decomposes on burning.

### Section 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:	
<b>Ingestion:</b>	Capable of causing irritation and intoxication if swallowed.
<b>Eye contact:</b>	Irritation to eyes.
<b>Skin contact:</b>	When used as per instructions, the product has no adverse effects on the skin.
<b>Inhalation:</b>	Vapours are hazardous and intoxicating when deliberately inhaled.

### Section 12: Ecological Information

<b>Environmental fate, persistence and degradation:</b>	Avoid contaminating waterways.
<b>Aquatic toxicity:</b>	This material is biodegradable
<b>Terrestrial toxicity:</b>	Slightly harmful to aquatic environment.

**Section 13: Disposal Considerations**

Refer to Waste Management Authority.  
Dispose of material through a licensed waste contractor.

**Section 14: Transport Information**

<b>Road and Rail Transport:</b>	Classified as a Dangerous Good according to NZS 5433:1999 Transport of Dangerous Goods on Land.
<b>UN No:</b>	1170
<b>Class-primary</b>	3.1 Flammable Liquid
<b>Packing Group:</b>	II
<b>Proper Shipping Name:</b>	Ethanol
<b>Hazchem Code:</b>	2(S)E
<b>Marine Transport:</b>	Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS
<b>UN No:</b>	1170
<b>Class-primary</b>	3.1 Flammable Liquid
<b>Packing Group:</b>	II
<b>Proper Shipping Name:</b>	Ethanol

**Section 15: Regulatory Information**

<b>HSNO Classification:</b>	3.1 - Flammable liquid
<b>Hazard Classifications:</b>	3.1B, 6.4A, 9.1D

**Section 16: Other Information**

.Issue Date: FEBRUARY 2022

Note: All information given by Space Industries Ltd is offered in good faith and is, to the best of our knowledge, true and accurate. However, since conditions of use are beyond our control, all information relevant to usage is offered without warranty or guarantee and should not be construed as a representation that the product is suitable for any particular purpose or application.