



Safety Data Sheet

SECTION 1: Identification of the Material and Supplier

Product Name: ELITE 75 HAND AND SURFACE SANITISER

Recommended Use: General Purpose Sanitising



Company Name: AWS Group Ltd

Address: 43 Maurice Rd, Auckland, New Zealand

Phone: +64 9 622 4601

Emergency Phones: CHEMCALL 0800 243 622
New Zealand Poisons Centre 0800 764 766

Section 2: Hazards Identification

Hazardous Status: Classified as hazardous according to the criteria of HSNO.			
DG Status: Classified as Dangerous Goods according to NZS5433			
HAZARD CLASSIFICATIONS		HAZARD STATEMENTS	GHS Pictogram
HSNO	GHS Equivalent		
3.1B	Flammable Liquid: Cat 2	H225: Highly flammable liquid and vapour	
6.4A	Serious eye damage/irritation, Cat 2	H320 Causes eye irritation	
Signal Word:		DANGER	
PREVENTION STATEMENTS			
P102	Keep out of reach of children.		
P103	Read label before use.		
P104	Read safety data sheet 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		
P242	Use only non-sparking tools		
P243	Take precautionary measures against static discharge		
P264	Wash hands thoroughly after handling		
P273	Avoid release to the environment		
P280	Wear protective gloves, clothing, face and eye protection		
RESPONSE STATEMENTS			
P101	If medical advice is needed, have product container or label at hand.		

P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 +P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists, get medical attention
P370 + P378	In case of fire: Use alcohol resistant foam for extinction. This statement applies if water increases risk
STORAGE STATEMENTS	
P405 + P235	Store in a well-ventilated place. Keep cool
DISPOSAL STATEMENTS	
P501	Do not let this product enter the environment. Do not dispose of in waterways or sewers. Dispose of this material and its container as hazardous waste, via a licensed facility. See local council for disposal/recycling information. Empty containers must be decontaminated by rinsing with water.

Section 3: Composition/Information on Ingredients

Ingredient	CAS NO	Wt. %
Water	7732-18-5	20-30
Ethanol	64-17-5	70-80

Ingredients deemed to be non-hazardous in this product 0.3%

Section 4: First Aid Measures

General Information: You should call The Poisons Information Centre if you feel that you may have been poisoned, burned, or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is always available. Have this SDS with you when you call.

Inhalation

If inhaled, remove affected person from contaminated area and keep at rest in a position comfortable for breathing. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

Ingestion

Do NOT induce vomiting. Wash/rinse out mouth thoroughly with water. Seek immediate medical attention.

Skin

The product is designed for skin contact. If there is a reaction, remove all affected clothing and wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard. If symptoms develop and/or persist seek medical attention.

Eye contact

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses, if present and easy to do. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention. If eye irritation occurs, please advise the medical physician.

First Aid Facilities

Eyewash, safety shower and normal washroom facilities.

Advice to Doctor

Product is a mixture of ethanol, and emollients. Treat symptomatically.

Other Information

For advice in an emergency, contact a Poisons Information Centre or a doctor at once.

Advice to Doctors: Treat Symptomatically:

Section 5: Fire Fighting Measures

Suitable Extinguishing Media

Carbon dioxide, dry chemical, foam, vaporizing liquid, water fog or water mist. Alcohol resistant foam is preferred. If not available fine water spray/mist can be used.

Unsuitable Extinguishing Media

Do not use water jet.

Hazards from Combustion Products

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

Specific Hazards Arising from the Chemical

Highly flammable liquid and vapor. Vapor/air mixtures may ignite explosively. Flashback along the vapor trail may occur. Running off to sewer may create fire or explosion hazard.

Hazchem Code

2YE

Precautions in connection with Fire

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. In case of fire the product may be violently or explosively reactive. Use water spray to disperse vapors. This product should be prevented from entering drains and watercourses.

Section 6: Accidental Release Measures**Emergency Procedures**

Wear appropriate eye protection if risk of exposure. Extinguish or remove all sources of ignition and stop the leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible, contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place it into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations

Section 7: Handling & Storage**Precautions for Safe Handling**

Avoid eye contact. Handle and use the material in a well-ventilated area, away from sparks, flames and other ignition sources. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Work from suitable, labelled, fire-resistant containers. Open containers carefully as they may be under pressure. Keep containers tightly closed. Flameproof equipment is necessary in areas where the product is being used. Take precautionary measures against static discharges. Earth or bond all equipment. Do not empty into drains. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands before eating, drinking, smoking or using the toilet facilities.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids.

Section 8 Exposure Control / Personal Protection**Occupational exposure limit values**

No exposure value assigned for this material by Safe Work, Australia. However, the available exposure limits for ingredients are listed below:

Safe Work, Australia Exposure Standards:

Isopropyl alcohol (CAS:67-63-0) TWA: 400 ppm
TWA: 983 mg/m³
STEL: 500 ppm

STEL: 1230 mg/m³

Ethanol (CAS:64-17-5) TWA: 1000 ppm
TWA: 1880 mg/m³

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight- hour working day, for a five-day week.

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.

Biological Limit Values

Name: 2-Propanol (Isopropanol) Determinant: Acetone in urine Value: 40 mg/L

Sampling time: End of shift at end of workweek

Source: American Conference of Industrial Hygienists (ACGIH).

Appropriate Engineering Controls

This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. A flame-proof exhaust ventilation system is required. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn. Refer to relevant regulations for further information concerning ventilation requirements.

Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 60079.10.1:2009 Explosive atmospheres - Classification of areas - Explosive gas atmospheres, for further information concerning ventilation requirements.

Personal Protective Equipment

For normal use as hand sanitiser, no PPE is required.

Avoid contact with eyes. If risk of splashes, eye protection should be used. Avoid breathing the vapor.

Section 9: Physical & Chemical Properties

Physical Description & colour:	Clear, blue liquid.
Odour:	Alcoholic odour
Boiling Point:	Approximately 78°C @ 100kPa
Freezing/Melting Point:	Approximately 0°C
Volatiles:	Water component
Vapour Pressure:	58 kPa at 20°C (water vapour pressure)
Vapour Density:	1.59
Specific Gravity:	0.870
Water Solubility:	Miscible
pH:	7.00-8.00
Volatility:	No data
Odour Threshold:	No data
Evaporation Rate:	As for water
Coeff Oil/water Distribution:	No data
Autoignition temp:	425 °C
Flammability:	Flammable liquid, flash point 22°C. Vapour/air mixture may be flammable. Ethanol flames may not be readily visible.

Section 10: Stability & Activity

Reactivity

Refer to Section 10: Possibility of hazardous reactions.

Chemical Stability

Stable under normal conditions of storage and handling.

Conditions to Avoid

Heat, open flames and other sources of ignition

Incompatible Materials

Strong oxidising agents.

Hazardous Decomposition Products

Thermal decomposition may result in the release of toxic and/or irritating fumes, smoke and gases including carbon dioxide and carbon monoxide.

Possibility of hazardous reactions

Not available

Hazardous Polymerization

Not available

Section 11: Toxicological Information

Local Effects:

Target Organs: There is no data to hand indicating any particular target organs.

Classification of Hazardous Ingredients

Ingredient Risk Phrases

No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations.

Potential Health Effects:

Swallowing: Accidental swallowing is unlikely. Swallowing ethanol can cause drunkenness or harm to the central nervous system.

Inhalation: Short Term Exposure: Available data indicates that this product is not harmful. In addition, product is unlikely to cause any discomfort or irritation.

Long Term Exposure: No data for health effects associated with long term inhalation.

Skin Contact: Short Term Exposure: Available data indicates that this product is not harmful. It should present no hazards in normal use. However, product may be irritating, but is unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term skin exposure.

Eye Contact:

Short Term Exposure: This product may be irritating to eyes but is unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term eye exposure.

Ingestion:

Short Term Exposure: Significant oral exposure is unlikely. Available data shows that this product is not harmful. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort.

Long Term Exposure: No data for health effects associated with long term ingestion.

Carcinogen Status:

SWA: No significant ingredient is classified as carcinogenic by SWA.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

Section 12 Ecological Information

This product is not classified as Ecotoxic according to the criteria of HSNO.

Toxicity: Data not available

Persistence & Degradability: The detergents and solvents used are classified under EU 6428/2004 as readily biodegradable

Mobility: Data not available.

Bio-accumulative Potential: Not bio-accumulative

Section 13: Disposal Considerations

Minor spills can be disposed of (after neutralization) through town wastewater systems were permitted for industrial use.

Major spills that have been collected by absorbents or machine should be disposed of by authorized experts in line with local regulations

Section 14: Transport Information

Regulated for transport of dangerous goods: UN, IATA, IMDG.

Classified as a Dangerous Good under NZS 5433:2012 Transport of Dangerous Goods on Land.

UN Number:	1760
Proper Shipping Name:	Flammable liquid (Ethyl Alcohol)
Class:	3
Packing Group:	II
Hazchem:	2YE
Marine Pollutant	No

Label Required

Section 15:	Regulatory Information
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Group Standards:	HSR002552: Cosmetic Product HSR002528: Cleaning Products (Flammable)	
Other Approvals:	MPI Approval: C43 & 54 (all animal products except dairy)	
HSNO CONTROLS		
SDS required when any quantity is present in a workplace.		
Location Certificate: 100 L (>5 L), 250 L (<5 L), 50l (open) (Class 3B)		
Signage required when 250 L (Class 3B) is stored.		
Emergency Response Plan: 1000 L (Class3B)		
Secondary Containment: 1000 L (Class3B)		
Certified Handler	>250 L if container is >5L (Class 3B)	>500L if container<5L (Class 3B)
Tracking	Not Required	
All ingredients are on the New Zealand Inventory of Chemicals (NZIoC) or exempt.		
Any existing national regulations on the handling of dangerous substances should be observed. Controls for hazardous substances are based upon current knowledge. Where multiple chemicals are stored, controls will need to take into account aggregate quantities. Contact a WorkSafe approved Compliance Certifier for further information and guidance.		

Section 16:	Other Information
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HSNO = Hazardous Substances and New Organisms Act.
 EPA = Environmental Protection Authority
 CCID = Chemical Classification and Information Database (EPA)
 NZ WES = New Zealand Work Exposure Standard
 TWA = Time Weighted Average
 STEL = Short Term Exposure Limit
 CAS = Chemical Abstract Service

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