

SAFETY DATA SHEET

Section 1: SUBSTANCE IDENTIFICATION AND SUPPLIER

Product Name: Alcasan

Recommended Use: Sanatiser

Company Identification: Supreme Cleaning Products

Address: 61 Maleme Street, Tauranga 3112. Ph: (07) 5410390

Emergency Telephone Number: IN AN EMERGENCY, DIAL 111 – FIRE or POLICE or AMBULANCE

National Poisons Centre: 0800 POISON (0800 764 766) 24 HOURS

Section 2: HAZARD IDENTIFICATION

Dangerous Goods: Classified as a Dangerous Good under New Zealand transport legislation.

Signal word: DANGER

Hazardous Substance (HSNO):
3.1B – Flammable liquid - high hazard
6.4A – Substances that are irritating to the eye
9.1D – Substances that are slightly harmful to the aquatic environment

Precautionary / 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, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Precautionary / Response Statement:
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 lenses, if present and easy to do. Continue rinsing.

Precautionary / Storage Statement: P405 Store locked up.
P501 Dispose of contents/container to an approved waste disposal plant

Pictograms: Flammable



Section 3: COMPOSITION INFORMATION

INGREDIENT	CAS No.	CONTENT
Ethanol	64-17-5	70-80%
Mixture (not classified as toxic or corrosive)		Balance

Section 4: FIRST AID MEASURES

For medical advice, consult the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor. Have product container or label at hand.

Inhalation: If inhaled, remove affected person from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.

Ingestion: If swallowed, do NOT induce vomiting. Wash out mouth thoroughly with water. Seek immediate medical attention.

Eye contact: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

Advice to Doctor: Treat symptomatically. Product is a strong sodium hydroxide solution. If swallowed, may cause holes in stomach and intestines. Evacuation of stomach should not be attempted.

Section 5: FIRE FIGHTING MEASURES

Flammability: Flammable.

Extinguishing Media: Use dry chemical powder, foam, polymer foam, and water spray or fog type extinguishers. Water may be ineffective on fire. However, water spray may be used to extinguish fires and to absorb heat. Keep containers cool and protect exposed material. If a leak or spill has not ignited, water spray may be used to flush spills away from exposures.

Hazards from Combustion: Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide.

Hazchem Code: 2(Y)E

Precautions in connection with Fire: Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

Section 6: ACCIDENTAL RELEASE MEASURES

Spills and Disposal: Contain liquid spill and absorb with inert material such as soil, sand or absorbent granules and place in a sealable waste container. Dispose of waste safely in an approved landfill. If spill does enter waterways, contact your local authority.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid eye contact and breathing in vapour. May form flammable vapour mixtures with air. Do NOT smoke. Store away from acids, alcohols, oxidizing agents, moisture and sources of heat or ignition. Keep containers closed at all times, check regularly for leaks.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Occupational exposure limit values: No value assigned for this specific material by Worksafe NZ. However, NZ Workplace Exposure Standard(s) for constituent(s): Ethanol: 8hr TWA = 1000 ppm (1880 mg/m³)

Biological Limit Values: No biological limits allocated.

Appropriate Engineering Controls & Respiratory Protection: Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Keep containers closed when not in use. Vapour heavier than air - prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected.

Eye Protection: Safety glasses should be used. Eye protection devices should conform to relevant regulations. Eye protection should conform with N.Z Standard NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection: N/A

Body Protection: N/A

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Liquid

Odour: Not perfumed. Characteristic of ethanol

Density: .86

Solubility in Water: Completely in all proportions

pH: 7-8

Flash Point: 16 C / 61 F

Section 10: STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of storage and handling.
Conditions to Avoid:	Avoid exposure to heat, sources of ignition and open flame.
Incompatible materials:	Avoid contact with strong oxidizing agents

Section 11: TOXICOLOGICAL INFORMATION

Inhalation:	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system
Ingestion:	Ingestion may irritate the gastric tract causing nausea and vomiting.
Skin:	May cause redness, itching, irritation.
Eye:	Causes eye irritation.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Avoid contaminating waterways. This product has not been classified as being toxic to aquatic life. Has a low potential for bioaccumulation and is substantially biodegradable in water.
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Section 13: DISPOSAL INFORMATION

Product Disposal:	The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations
Container Disposal:	Empty containers should be rinsed and either recycled or placed in general waste.

Section 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".
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UN No:	1170
Class:	3
Packing Group:	II
Hazchem Code:	2(Y)E
Technical Name:	ETHANOL SOLUTION

Marine Transport:	Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
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UN No:	1170
Class:	3
Packing Group:	II
EmS:	F-E, S-D
Technical Name:	ETHANOL SOLUTION

Air Transport:	Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous
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UN No:	1170
Class:	3
Packing Group:	II
EmS:	F-E, S-D
Technical Name:	ETHANOL SOLUTION

Section 15: REGULATORY INFORMATION

Classified as hazardous according to the criteria of the New Zealand Hazardous Substances and New Organisms Act.
Cleaning Products (Flamable) Group Standard 2017 - HSR002528
For full HSNO controls and Health and Safety at Work regulations for this substance refer to the New Zealand EPA's
Approved Hazardous Substances with Controls website.

Section 16: OTHER INFORMATION

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the product and general guidance on how to safely handle and use the product. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to handling and usage is offered without warranty. The data in this SDS relates only to the specific product designated herein and does not relate to use in combination with any other material. It is the user's responsibility to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product.

End of SDS