



HAZARDOUS CHEMICAL, DANGEROUS GOODS

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: **ALCASAN - ANTI BACTERIAL**

Synonyms

ALCASAN – 100ML
ALCASAN - 500ML x 15 W/PUMP CTN
ALCASAN – 15 X 500ML AIR OVERPACK
ALCASAN – 200ML PUMP PACK (MTO)
ALCASAN - 500ML x 15 SQUIRT TOP CTN
ALCASAN - 1L W/PUMP
ALCASAN - 1L BAGS X 5 CTN (For 940 – WALL DISPENSERS)
ALCASAN - 5L W/CAP
ALCASAN - 5L W/PUMP
ALCASAN - 20L W/CAP
ALCASAN - 200L BLUE MAUSER DRUM
ALCASAN - 1000L

Product Code

SC327-100
SC327-15X500
SC327-15X500E
SC327-200
SC327-15X500S
SC327-1
SC327-940L
SC327-5R
SC327-5
SC327-20
SC327-200
SC327-1000

Recommended use:

Description:

ALCASAN – 80% alcohol antibacterial hand gel cleanses without the need for water.

RECOMMENDED USE: **ALCASAN** alcohol antibacterial hand gel cleanses without the need for water. Developed in accordance with World Health Organisation (WHO) guidelines this product contains 80% ethanol to provide maximum efficacy of kill. Added glycerol to help prevent hands from drying out in continual use situations such as transport, food processing facilities or any area where personal hygiene is critical to prevent and kill 99.9% of germs and bacteria.

Use Recommendations: This product has an ultra-high kill rate and is ideal for use in home and the work place, in food processing areas, waiting rooms, receptions and any area where hygiene is a must. **Simply dispense 1 to 2 pumps (or a 20 cent to 50 cents sized amount) to dry hands and work the gel between your hands and fingers.** Once hands are covered with the product, allow them to air dry. No rinsing is required. Do not smell the vapours whilst your hands are wet with the product.

Store in a cool place in original container with lid tightly closed.

Product AS SOLD

Product AS SOLD is classified as hazardous according to GHS and/or Safe Work Australia because of risk to EYES. Contact with EYES is not considered as being applicable to normal use of the product. Avoid direct sprays or contact with EYES as it can cause SERIOUS EYE IRRITATION. Avoid contact with ignition sources/incompatibles in storage or transport as it can cause FIRE.

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2. HAZARDS IDENTIFICATION

This material is hazardous according to health criteria of Safe Work Australia.



Signal Word
Danger

Hazard Classifications

Flammable Liquids - Category 2
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.
P242 Use only non-sparking tools.

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.
P370+P378 In case of fire: Use (insert appropriate media) for extinction.

Storage Precautionary Statement

P403+P235 Store & use 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: S5. Caution

DANGEROUS GOOD 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

3. COMPOSITION INFORMATION

CHEMICAL ENTITY

CAS NO

PROPORTION

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Ethanol 64-17-5 80 % (V/V)
Hydrogen peroxide (H₂O₂) 7722-84-1 0.125% (V/V)
Ingredients determined to be Non-Hazardous at levels such as bittering & denaturing agent (not methanol); viscosity modifying agent, hydrogen peroxide, plant-based glycerine (1.45%). Balance

4. FIRST AID MEASURES

If poisoning occurs from drinking contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: No such emergency care anticipated. No such incidents were reported.

Skin Contact: No such emergency care is anticipated. No such incidents were reported. If irritation occurs discontinue using the product. Seek medical advice immediately.

Eye contact: 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.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Notes to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Hazchem Code: •3YE

Suitable extinguishing media: If material is involved in a fire use alcohol resistant foam or dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Flammable liquid and vapour. May form flammable vapour mixtures with air. Flameproof equipment necessary in area where this chemical is being used. Nearby equipment must be earthed. Electrical requirements for work area should be assessed according to AS3000. Vapour may travel a considerable distance to source of ignition and flash back. Avoid all ignition sources. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. Do NOT smoke.

Firefighting further advice: Heating can cause expansion or decomposition leading to violent rupture of containers. If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning or decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion or decomposition.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent eye contamination. Avoid inhalation of vapour. 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. Use a spark-free

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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.

Dangerous Goods – Initial Emergency Response Guide No: 14

7. HANDLING AND STORAGE

Handling: Avoid eye contact. Avoid inhalation of vapour.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. 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.

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/or the "New Zealand NZS5433: Transport of Dangerous Goods on Land" and must be stored in accordance with the relevant regulations.

This material is a Scheduled Poison Schedule 5 (Caution) and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits:

	TWA		STEL		NOTICES
	ppm	mg/m3	ppm	mg/m3	
Ethyl alcohol	1000	1880	-	-	-
Hydrogen peroxide	1	1.4			

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. Vapour heavier than air - prevent concentration in hollows or sumps. Do NOT enter confined spaces where vapour may have collected.

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Personal Protection Equipment: No special PPE required for individual retail packs. However, if handling large volumes always recommends to take necessary precautions to avoid contact with eyes.

Hygiene measures: Keep away from food, drink and animal feeding stuffs when hands are wet it the product, but once they dry proceed as normal. When using do not eat, drink or smoke. Avoid eye contact. Avoid inhalation of vapour.

9. PHYSICAL AND CHEMICAL PROPERTIES

Base Units:	Litres
Colour:	Clear to opaque gel
Odour:	Alcoholic & lemon odour
Solubility in water:	Completely soluble
Specific Gravity (20 °C):	0.86 – 0.91
Vapour Pressure (20 °C):	Approx. 44 mm Hg at 25°C
Flash Point (°C):	28 - 35 °C (Abel closed cup)
Flammability Limits (%):	No data available
Auto ignition Temperature (°C):	No data available
Boiling Point/Range (°C):	78-100 °C
pH (10% w/w DI):	6.80 – 7.30

(Typical values only - consult specification sheet)
N Av = Not available, N App = Not applicable

10. STABILITY AND REACTIVITY

Chemical stability: This material is thermally stable when stored and used as directed.

Conditions to avoid: Elevated temperatures and sources of ignition.

Incompatible materials: Oxidising agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

Hazardous reactions: No known hazardous reactions.

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

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

Skin contact: Contact with skin may result in slight irritation to some sensitive persons and don't not use internally or if skin is broken.

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

Eye contact: An eye irritant.

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Acute toxicity

Inhalation:

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

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

Corrosion/Irritancy: Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes). Skin: Non corrosive and not irritating.

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has not been classified as 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 K_{ow} < 4.

Eco toxicity: No information available.

Persistence and degradability: No information available.

Bio accumulative potential: No information available.

Mobility: No information available.

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13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible, material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

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".



UN No: 1993
Dangerous Goods Class: 3
Packing Group: II
Hazchem Code: •3YE
Emergency Response Guide No: 14

Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (CONTAINS ETHANOL)

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), flammable gases (Class 2.1), if both are in bulk, toxic gases (Class 2.3), spontaneously combustible substances (Class 4.2), oxidising agents (Class 5.1), organic peroxides (Class 5.2), toxic substances (Class 6.1), infectious substances (Class 6.2) or radioactive substances (Class 7). Exemptions may apply.

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. This material is classified as a Marine Pollutant (P) according to the International Maritime Dangerous Goods Code.



UN No: 1993
Dangerous Goods Class: 3
Packing Group: II

Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (CONTAINS ETHANOL)

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

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Packing Group: II
Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (CONTAINS ETHANOL)

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
Basel Convention (Hazardous Waste)
International Convention for the Prevention of Pollution from Ships (MARPOL)

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

- The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act (Commonwealth).
- All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Reasons for issue: Update description in section 01
Issue date: 26/08/2020
Version: 3.00
Able Rating: Red

DISCLAIMER:

The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. This product was classified according to Globally Harmonised System of Classification and Labelling of Chemicals (GHS) Revision Version 07.

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