

**Official  
Safety Data Sheet  
(SDS)**

This SDS version supersedes all previous MSDS for the specified product.



**Product:** AC256  
**Issue Date:** 2020 MAR  
**Issued by:** JB  
**Version:** 1.40  
**Page:** 1 of 8

**HAZARDOUS CHEMICAL, NON-DANGEROUS GOODS**

**1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION**

**Product name: ABLESAN SANITISER**

**Synonyms**

ABLESAN SANITISER 5L  
ABLESAN SANITISER 20L

**Product Code**

AC256-5  
AC256-20

**Recommended use:**

Ablesan Sanitiser is a concentrated solution of stabilised silver hydrogen peroxide that when diluted with potable water produces a ready-to-use no rinse surface sanitizer.

Ideal for final sanitisation of food processing machines, plates, cutlery, bench tops and general hard surfaces.

The products powerful action is effective against a wide range of bacteria, viruses, yeasts and fungi.

This product when used as directed is proven to Kill Covid-19 / coronavirus when used at **10% solution** with potable water with a wet contact time of 1 minute or greater achieving a 4 Log reduction.

**Working Principle:**

The active substance used is hydrogen peroxide which is an environment friendly substance with a standing AQIS approval. In a complex manufacturing process, the active substance is stabilized and boosted with very low levels of silver which greatly improves effectiveness against micro-organisms. The traces of silver remaining on the treated surfaces are not visible and are non-toxic and below cut-off. However, they efficiently inhibit a renewed contamination; hence sanitization. The elemental oxygen (O<sub>2</sub>) separated by the hydrogen peroxide attacks the cell walls of the micro-organisms directly. The chemical reaction between the oxygen released and the cell wall molecules causes cellular degradation. The effect is intensified by the silver ions which form a bond with the disulphide bridge of certain proteins of micro-organisms, thereby inactivating or precipitating these proteins.

**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.*

**Surface Disinfection:**

Dilute 1-part Ablesan with 9 parts potable water to make a spray-on-leave on surface sanitiser.

Apply diluted solution to ONLY pre-cleaned and drained surfaces.

Apply via trigger sprayer (coarse spray), cloth, swab, mop or fogger and completely wet the surface with the solution. Let the solution dry.

Rinsing with water is not necessary as product degrades to harmless oxygen and water

**Tips:** The concentrate is a Schedule 6 poison in its concentrated form ((hydrogen peroxide) however once diluted as recommended the product is no longer considered poisonous according to Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP). When applying the diluted solution make sure all the equipment and surfaces coming into contact with the solution are made of chemical resistant materials as hydrogen peroxide can be corrosive to some materials. Avoid generating mists and always used PPE.

**Supplier:** Able Westchem  
**ABN:** 009 353 182  
**Street Address:** 273 Collier Road  
Bayswater, WA 6053  
Australia  
**Telephone:** +61 8 9471 9111

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**Facsimile:** +61 8 9272 6740

**Emergency Telephone number:** +61 8 9471 9111 (8.00am-4.30pm: Mon-Fri, AWST)

## 2. HAZARDS IDENTIFICATION

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



### Signal Word

Warning

### Hazard Classification

Serious Eye Damage/Irritation – Category 2A

### Hazard Statement

H319 Causes serious eye irritation.

### Prevention Precautionary Statements

- P102 Keep out of reach of children.  
P103 Read label before use.  
P264 Wash hands, face and all exposed skin thoroughly after handling.  
P280 Wear protective clothing, gloves, eye/face protection and suitable respirator.

### 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.

### Storage Precautionary Statement

Not allocated

### Disposal Precautionary Statement

Not allocated

**Poison Schedule:** S6. Poison

## DANGEROUS GOOD CLASSIFICATION

Not 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".

## 3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO	PROPORTION
Hydrogen peroxide (H <sub>2</sub> O <sub>2</sub> )	7722-84-1	< 7 % (w/w)
Phosphoric Acid (Food Grade)	7664-38-2	<=0.0001%
Silver	7440-22-4	<=0.0001%

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Ingredients determined to be Non-Hazardous

Balance

#### 4. FIRST AID MEASURES

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

**Inhalation:** Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

**Skin Contact:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

**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:** Not applicable.

**Suitable extinguishing media:** If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

**Specific hazards:** Non-combustible material.

**Firefighting further advice:** Not applicable.

#### 6. ACCIDENTAL RELEASE MEASURES

##### SMALL SPILLS

Wear protective equipment to prevent skin and 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

Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). 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:** Not applicable

#### 7. HANDLING AND STORAGE

**Handling:** Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour.

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**Storage:** Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Always keep container standing upright position. Keep containers closed when not in use - check regularly for leaks.

This material is a Scheduled Poison Schedule 6 (Poison) 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	
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. Use with local exhaust ventilation or while wearing appropriate respirator. Vapour heavier than air - prevent concentration in hollows or sumps. Do NOT enter confined spaces where vapour may have collected.

### Personal Protection Equipment:

#### Special Notes:

Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

The selection of PPE is dependent on a full risk assessment. The risk assessment should consider the work situation, physical form of chemical, handling volume and methods, environmental factors/ application area.

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If the outcome of risk assessment is considerably low, still manufacturer recommends to use minimum PPE stipulated by the chemical industry practices. Ex: Safety Glasses, Impervious Gloves and suitable protective clothing such as long sleeve clothes with buttoned at neck and wrist.

PROTECTIVE CLOTHES, GLOVES, SAFETY GLASSES.



If inhalation or spill risk exists, also if engineering controls are not effective in controlling any airborne contaminants, wear suitable mist respirator meeting the requirements of AS/NZS 1716; Wear suitable protective clothing covers unprotected exposed skin area with an Overall. If the handling volume is large, chemical resistant Apron, Face shield and suitable respirator must be worn at all times to avoid any injuries.

Available information suggests that gloves made from natural rubber, nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

**Hygiene measures:** Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour. Ensure that eyewash stations and safety showers are close to the workstation location.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Base Units:</b>	Litres
<b>Form:</b>	Clear Liquid
<b>Colour:</b>	Colourless
<b>Odour:</b>	Odourless
<b>Specific Gravity (20 °C):</b>	1.02-1.04
<b>pH (20 °C) (1 :3.5 w/w ratio water):</b>	4.00 – 6.00
<b>Vapour Pressure (20 °C):</b>	31 mm Hg@30C (86F)
<b>Flash Point (°C):</b>	Not Available
<b>Auto ignition Temperature (°C):</b>	Not Available
<b>Boiling Point/Range (°C):</b>	101C (214F)

(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.

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**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 irritation.

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

**Eye contact:** An eye irritant.

### Acute toxicity

**Inhalation:** This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >20 mg/L

**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: this material has been classified as not corrosive or irritating to skin.

**Sensitisation:** Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not 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

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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.

### 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

Not 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".

#### MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

#### AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

### 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

Reason for Issue: Change of Decant codes

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Able Rating: Amber- Acidic

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