

**Official
Safety Data Sheet
(SDS)**

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



Product: SC324
Issue Date: 2020 APRIL
Issued by: JB
Version: 1.60
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NON-HAZARDOUS CHEMICAL, NON-DANGEROUS GOODS

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: OxyGel – Anti Bac Hand Sanitiser

Synonyms

OXYGEL – 500ML
OXYGEL – 500MLX 15 W/PUMP
OXYGEL – 500ML X 15 SQUIRT
OXYGEL – 5L
OXYGEL – 5L W/PUMP
OXYGEL – 20L
OXYGEL – 20L W/PUMP
OXYGEL – 200L
OXYGEL – 1000L

Product Code

SC324-500
SC324-500X15
SC324-500X15
SC324-5
SC324-5P
SC324-20
SC324-20P
SC324-200
SC324-1000

RECOMMENDED USE:

OxyGel is a ready to use anti-bacterial hand gel that sanitises without the need for water or Alcohol.

Developed in response to the Human Corona Virus Outbreak and the ensuing alcohol shortage this products active ingredient kills 99.99% of germs and bugs such as E-coli, Staph and Pseudomonas.

This non-hazardous product is intentionally slow drying to achieve an excellent kill rate and is not subject to any special transport or usage restrictions.

Ideal for home and workplaces such as mine sites, oil & gas platforms, ships or facilities where hygiene is critical to prevent the spread of germs, bugs or contamination.

USE & DILUTION RECOMMENDATIONS:

Dispense 1-2 pumps or a coin sized amount into dry hands & work the gel between your hands and fingers. Once hands are covered with the product allow them to air dry for 1 minute or longer; no rinsing is required. OxyGel should be stored in cool temperature out of direct sunlight, in its original container (or plastic container that has been triple rinsed with potable water) and in an upright position. Do not dilute and always dispense from plastic containers and equipment. Do not store or handle with ferrous or non-ferrous metal. Best before of 6 months from opening. Convenient Dip Type Tests are available for bulk customer's to test the stabilized hydrogen peroxide activity level for OH&S and general compliance of the product before repacking.

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CERTIFICATE OF ANALYSIS

eurofins | ams **Certificate of Analysis**

Page 1 of 2
Analytical Report: AAH50301
Eurofins Sample Number: NJ20AA4679-5
Version: 1

Borveik Pty Ltd t/a Able Westchem
273 Collier Rd,
Bayswater, WA 6053
AU

Client Account Number: A00838702CGR
Eurofins Quote Number: UFBDPH20008501

Eurofins Sample Number NJ20AA4679-5

Original Received Date: 14-Apr-2020
Description: Oxygel 500mL; Expiry Date: Apr/2021
Lot Number: 135340
Containers Submitted: 2 Bottle(s)

Analysis	Result
006 Testing of virucidal activity of disinfectants by surface carrier technique	See Attached Report for Result
Refer to Attachment # 1	---
Method: TMCV 006, ASTM 1053	
Analysis Date: 21-Apr-2020	

Supplemental Information

Samples were tested as received. Specifications (if) reported are as provided by the client.

Contracted Company: Eurofins ams Laboratories Sydney
8, Rachel Close, Silverwater, NSW 2129 Australia
amslab@eurofins.com

704 License No: ME 15112007-L1-002191-11 APVMA License No: 6139
Teresa Susanto, Laboratory Manager- Sterility
Questions about this report should be directed to your project manager or the general email listed above. This report must not be reproduced except in full.

Reviewed and electronically signed for Data Reviewer Approval by
Teresa Susanto, Laboratory Manager- Sterility
for Eurofins ams Laboratories Pty Ltd, on 30-Apr-2020 00:11:40 UTC+10:00

Attachment #1 - 006 Testing of virucidal activity of disinfectants by surface carrier technique
Analytical Report: AAH50301, Eurofins Sample Number: NJ20AA4679-5, Version: 1
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EXAMINATION: Virucidal activity of OXYGEL (Batch 135340) by Carrier Test method

CONDITIONS	
Virus Strain	Murine hepatitis virus (MHV)-1 ATCC/R-261
Cell Substrate	A9 cells ATCC/CCL-14
Test Concentration	Neat
Contact Time	1 minute
Test Temperature	Room temperature
Test Condition	Dirty 5% FBS (Fetal Bovine Serum)
Neutraliser	1% Catalase and 2% FBS in MM

RESULTS: TABLE 1: MHV-1 virus test/control results for 1 minute contact

Virus Dilution	Number of Inoculated Wells	Virus Control	Cytotoxicity	Neutralisation	Test Sample
10 ¹	4	4/4	C	C	C
10 ²	4	4/4	0/4	4/4	0/4
10 ³	4	4/4	0/4	4/4	0/4
10 ⁴	4	4/4	N/A	N/A	0/4
10 ⁵	4	3/4	N/A	N/A	0/4
10 ⁶	4	3/4	N/A	N/A	0/4
10 ⁷	4	0/4	N/A	N/A	N/A
10 ⁸	4	0/4	N/A	N/A	N/A
Log ₁₀	-	6.17	1.5	1.5	1.5

Log₁₀ Reduction of Virus after Treatment: **4.67**

Note: Presence of virus in each response is recorded as "+"
Absence of virus in each response is recorded as "0"
Cytotoxic response is recorded as "C"
Calculated virus titre = 10^{6.17}TCID₅₀/mL (6.17 log₁₀)
Cell control - 4 wells with healthy cell monolayer

* The Reed & Muench LD50 Method was used for determining the virus titre endpoint.

CONCLUSIONS:

Considering the cytotoxicity and neutralisation test results, the sample "OXYGEL (Batch 135340)" has shown virucidal efficacy against MHV-1 by achieving 4.67 log reduction in virus concentration after 1 minute exposure period at room temperature.

Manufacturer: Able Westchem
ABN: 009 353 182
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Australia
Telephone: +61 8 9471 9111
Facsimile: +61 8 9272 6740

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

2. HAZARDS IDENTIFICATION

Based on available information, this material is not classified as hazardous according to criteria of Safe Work Australia.

Poison Schedule: Not Applicable

DANGEROUS GOOD CLASSIFICATION

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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 (Stabilized)	7722-84-1	< 3%
Ingredients determined to be Non-Hazardous including but not limited to thickeners, eucalyptus oil, lemon oil, glycerine, Vitamin E, stabilizers).		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 irritation occurs wash effected area with copious amounts of water. If symptoms persist seek medical advice. For external use only and do not use on broken or compromised skin.

Eye contact: If in eyes wash out immediately with water. In all cases of eye contamination, it is a sensible precaution to seek medical advice.

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 combustible, however following evaporation of aqueous component residual material can burn if ignited.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

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. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. No special

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disposal considerations.

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, mist or aerosols. Do not dilute and dispense only from plastic containers and equipment – use plastic lotion pumps and taps. Lotion pumps with stainless steel springs are okay to use. Do not handle with ferrous or non-ferrous metal except SS316.

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. Keep container standing upright. Keep containers closed when not in use. Do not allow foreign material to enter container as gas may evolve bloating packaging. If bloating occurs release pressure. Exposure to heat may cause thickening agent to reduce cross-linking and result in thinning of product.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Viscous Liquid
Colour:	Clear to opaque white liquid
Odour:	Eucalyptus
Solubility:	Soluble in water
Specific Gravity (20 °C):	1.01 ± 0.02
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	~30 mmHg @ 25 oC
Flash Point (°C):	N App
Flammability Limits (%):	N App
Auto ignition Temperature (°C):	N Av
Melting Point/Range (°C):	N Av
Boiling Point/Range (°C):	100
pH:	5 – 7
Viscosity:	N Av
Total VOC (g/Litre):	N Av

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

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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 irritation in some sensitive users.

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

Eye contact: May be 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 not corrosive or irritating to eyes. Skin: this material has been classified as not corrosive or irritating to skin when used as directed or according to this SDS.

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.

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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.

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:

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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:

- 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 and insert COA
Issue date: 1/05/2020
Version: 1.60
Able Rating: Green

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.

Able Westchem MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the Able Westchem product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of an Able Westchem product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the Able Westchem product to determine whether it is fit for a particular purpose and suitable for user's method of use or application. For this reason, Able Westchem always recommends a user perform a test patch or trial in small scale or in an inconspicuous area prior to full application to limit possible damage. Testing before beginning any project is also the best way to ensure product effectiveness.

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