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# Safety Data Sheet

## Manual Dishwash Liquid Antibacterial

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### 1. Identification

GHS Product identifier	MANUAL DISHWASH LIQUID Antibacterial
Company Name	HY.GIENE Australia Pty. Ltd.
Address	Fact. 3, 41 Gatwick Road, BAYSWATER, VIC 3153
Telephone	(03) 9729 3946
Contact	Peter Harman
Recommended use of the chemical and restrictions on use	Antibacterial Manual Dishwash Liquid
Other Names	<b>HG 610</b>
Other Information	Emergency contact: 1800 616 930

### 2. Hazard Identification

**NOT classified as hazardous according to the criteria of Worksafe Australia.  
NOT a Dangerous Good according to the Australian Dangerous Goods (ADG) Code version 7.**

GHS classification of the substance/mixture	None allocated
Signal Word (s)	None
Hazard Statement(s)	None
Pictogram (s)	None

### 3. Composition/information on ingredients

**Chemical Characterization** Aqueous blend of surfactants.

**No ingredients at hazardous levels are contained in this product.**

**A combination of commercial antimicrobial agents ('Bioban BP-30' (Bronopol) and 'CMIT' are in this product at less than 50ppm**

### 4. First-aid measures

Ingestion:	Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a physician.
Skin:	Wash off with soap and plenty of water. Consult a physician.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
First Aid Facilities	Maintain eyewash fountain and safety shower in work area.
Advice to Doctor	Treat symptomatically. Consult Poisons Information Centre
Other Information	For advice, contact the National Poisons Information Centre (Phone Australia 13 11 26 and New Zealand 0800 764 766) or a doctor.

### 5. Fire-fighting measures

Suitable extinguishing media	Use extinguishing media most appropriate for the surrounding fire such as water, foam or dry agent (carbon dioxide, dry chemical powder). If safe to do so, move undamaged containers from the fire area. If a significant quantity (>200L) of this product is involved in a fire, call the fire brigade.
Specific hazards arising from the chemical	There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. This product is likely to decompose only after heating to dryness, followed by further strong heating.
Precautions in connection with fire	Wear SCBA and chemical splash suit. Fully encapsulating, gas-tight suits should be worn for maximum protection.



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### 6. Accidental release measures

<b>Personal Precautions</b>	Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.
<b>Personal Protection</b>	Wear protective clothing specified for normal operations (see Section 8)
<b>Clean-up Methods- Small Spillages</b>	Minor spills do not require special clean up measures or emergency procedures. Wear recommended personal protective equipment outlined in Section 8 when containing any spillage.
<b>Large Spillages</b>	Seek expert advice on handling and disposal.
<b>Environmental Precautions</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains or waterways.

### 7. Handling and storage

**Precautions for Safe Handling** Product is safe to handle under normal conditions of use.

**Conditions for safe storage** Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

**Incompatible products** None known

**Incompatible materials** None known

### 8. Exposure controls/personal protection

**Occupational exposure limit values**

<u>Name</u>	<u>STEL</u>		<u>TWA</u>		<u>Footnote</u>
	<u>mg/m3</u>	<u>ppm</u>	<u>mg/m3</u>	<u>ppm</u>	

There are no occupational exposure limits set for this product or components in this product.

<b>Appropriate engineering controls</b>	In industrial situations maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods.
<b>Personal Protective Equipment</b>	Final choice of personal protective equipment will depend on individual circumstances and/or according to risk assessments undertaken.
<b>Respiratory Protection</b>	No special requirement.
<b>Eye Protection</b>	No special requirement.
<b>Hand Protection</b>	No special requirement.
<b>Footwear</b>	Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use.
<b>Body Protection</b>	No special requirement.
<b>Hygiene Measures</b>	Do not eat, drink or smoke in work areas. Maintain good housekeeping.

### 9. Physical and chemical properties

<b>Appearance</b>	Dark Green viscous liquid
<b>Odour</b>	Characteristic, (apple scented)
<b>Boiling Point</b>	~ 100 °C
<b>Flash point</b>	Not applicable
<b>Vapour Pressure</b>	~ 2 kPa at 20°C (water vapour pressure)
<b>Solubility</b>	Soluble in water in all proportions.
<b>Specific Gravity</b>	1.0 g/cm <sup>3</sup> @ 20 °C
<b>pH</b>	6.5 – 7.0 (as supplied)
<b>Viscosity</b>	~500 cPs @ 20 °C
<b>Percent volatile</b>	> 80 %
<b>Flammability</b>	Non flammable



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### 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under normal conditions of use.
<b>Conditions to Avoid</b>	No special conditions. Refer to storage conditions in Section 7.
<b>Incompatible Materials</b>	None known.
<b>Hazardous Decomposition products</b>	Carbon monoxide and carbon dioxide.
<b>Possibility of Hazardous reactions</b>	Not determined.
<b>Hazardous Polymerization</b>	Will not occur.

### 11. Toxicological Information

#### Acute toxicity

Health effects from the likely routes of exposure:

<b>Inhalation</b>	Not expected to cause respiratory irritation.
<b>Skin</b>	Not expected to cause irritation.
<b>Eye</b>	May cause slight irritation/discomfort.
<b>Ingestion</b>	May result in irritation to the gastrointestinal tract.

### 12. Ecological information

<b>Ecotoxicity</b>	No data available.
<b>Persistence and degradability</b>	No data available.
Major ingredients are biodegradable and will not accumulate in soil or water or cause long term problems.	

### 13. Disposal considerations

<b>Disposal Considerations</b>	Avoid release of product to the environment. Containers should be emptied as completely as practical before disposal. If possible, recycle containers either in-house or send to recycling company.
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### 14. Transport information

<b>U.N. Number</b>	None allocated
<b>UN proper shipping name</b>	None allocated
<b>Transport hazard class(es)</b>	None allocated
<b>Hazchem Code</b>	None allocated
<b>Packing Group</b>	None allocated

### 15. Regulatory information

<b>Regulatory Information</b>	Ingredients listed in the Australian Inventory of Chemical Substances (AICS).
<b>Poisons Schedule</b>	None allocated

### 16. Other Information

<b>Date of preparation or last revision of SDS</b>	29 <sup>th</sup> February, 2020
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THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THIS PRODUCT AND HOW TO SAFELY USE THIS PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIER.