



Safety Data Sheet

DISHWASHING LIQUID ANTIBACTERIAL

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: DISHWASHING LIQUID ANTIBACTERIAL

Synonyms

Dishwashing liquid antibacterial

Product Code

108

Recommended use: Detergent for manual dishwashing

Supplier Name RJS Products Pty Ltd

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SDS Date 20TH APRIL 2018, VERSION 9

2. HAZARDS IDENTIFICATION

This material is NOT hazardous according to health criteria of Safe Work Australia.

Signal Word

Prevention Precautionary Statements

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

P337 +P313 IF EYE IRRITATION PERSISTS : GET MEDICAL ASDVICE.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

3. COMPOSITION INFORMATION

CHEMICAL NAME	CAS NO	PROPORTION
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SLES	9004-28-4	10 -20%
COCOAMIDOPROPEL BETAINE	61789-40-0	10-20%
LACTIC ACID	79-33-4	<10%

4. FIRST AID MEASURES

GENERAL ADVICE: IF POISONING OCCURS, IMMEDIATELY CONTACT A DOCTOR OR POISONS INFORMATION CENTER (PHONE AUSTRALIA 131126, NEW ZEALAND 0800764766) AND FOLLOW ADVISE GIVEN.

IF INHALED: MOVE TO FRESH AIR IN CASE OF ACCIDENTAL INHALATION OF DUST OR FUMES FROM OVERHEATING OR COMBUSTION. CALL DOCTOR, IF SYMPTOMS PERSISTS.

IN CASE OF SKIN CONTACT: TAKE OFF CONTAMINATED CLOTHING AND SHOES IMMEDIATELY, WASH OFF WITH SOAP AND PLENTY OF WATER.

INCASE OF EYE CONTACT: FLUSH EYES WITH WATER AS A PERCAUTION, REMOVE CONTACT LENSES, PROTECT UNHARMED EYE AND KEEP EYE WIDE OPEN WHILE RINSING

IF SWALLOWED: CLEAN MOUTH WITH WATER AND DRINK AFTERWARDS PLENTY OF WATER. DO NOT GIVE MILK OR ALCOHOLIC BEVERAGES.

5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards: THERE is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

NO HAZARDOUS of decompositions products are expected from this product at temperatures normally achieved in a fire.

Extinguishing Media: not combustible. Use extinguishing media suited to burning materials.

6. ACCIDENTAL RELEASE MEASURES

ENVIRONMENT PRECAUTION: NO SPECIAL ENVIRONMENTAL PRECAUTIONS REQUIRED.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: NEUTRALIZE WITH CHALK, ALKAI SOLUTION OR AMMONIA. WIPE UP WITH ABSORBENT MATERIALS. KEEP IN SUITABLE, CLOSED CONTAINERS FOR DISPOSAL.

7. HANDLING AND STORAGE

Advice on protecting against fire and explosion: NORMAL MEASURES FOR PREVENTIVE FIRE PROTECTION.

ADVICE ON SAFE HANDLING: FOR PERSONNEL PROTECTION SEE SECTION 8.

HYGIENE MEASURES: GENERAL INDUSTRIAL HYGIENE PRACTICE.

CONDITION FOR SAFE STORAGE: keep container tightly close in a dry and well-ventilated place.



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Materials to avoid: no special restrictions on storage with other products.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits:

CONTAINS NO SUBSTANCES WITH OCCUPATIONAL EXPOSURE LIMIT VALUES

USE PROTECTIVE GLOVES, SAFETY GLASSES AND PROTECTIVE SUIT.

9. PHYSICAL AND CHEMICAL PROPERTIES

Base Units: Litres
Form: Liquid
Colour: ORANGE
Odour: Acidic

Solubility:	Soluble in water.
Specific Gravity (20 °C):	1.00 - 1.01
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	N App
Flammability Limits (%):	N App
Autoignition Temperature (°C):	N App
Melting Point/Range (°C):	N Av
Boiling Point/Range (°C):	Approx. 100
Decomposition Point (°C):	N Av
pH:	2.0 – 4
Viscosity:	N Av
Total VOC (g/Litre):	N Av

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

10. STABILITY AND REACTIVITY

Chemical REACTIVITY: STABLE UNDER RECOMMENDED STORAGE CONDITIONS.

Conditions to avoid: none known

Incompatible materials: bases, amines, zinc, tin, aluminium and alloys..

Hazardous decomposition products: NONE

Hazardous reactions: No known hazardous reactions.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product:
Acute oral toxicity : acute toxicity estimate >2000mg/kg
method: calculation method



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Components:

SLES:

Acute Oral Toxicity	LD50 (RAT): 1600mg/kg Method: N/A
Acute Inhalation toxicity:	LC 50 (rabbit)>5 mg/L Exposure time : 4 h Test atmosphere: dust/mist Method: acute toxicity estimate.
Acute dermal Toxicity:	LD 50 (Rabbit)>2000mg/kg Method: Acute toxicity estimate

COCOAMIDO PROPYL BETAINE:

Acute Oral Toxicity	LD50 (RAT): 4900mg/kg Method: tested according to Annex V of Directive 67/548/EEC.
Acute Inhalation toxicity:	N/A
Acute dermal Toxicity:	N/A

LACTIC ACID

Acute Oral Toxicity	: LD50 (RAT): 3700mg/kg Method: N/A
Acute Inhalation toxicity:	LC 50 (rabbit)>7.94 mg/L Exposure time : 4 h Test atmosphere: N/A Method: acute toxicity estimate.
Acute dermal Toxicity:	LD 50 (Rabbit)>2000mg/kg Method: N/A

12. ECOLOGICAL INFORMATION

This product is biodegradable. It will not accumulate in the soil or water or cause long time problems. transport conditions are necessary unless required by other regulations.

13. DISPOSAL CONSIDERATIONS

Waste Disposal No special precautions are required for the disposal of this product. However, re-use where possible or return to manufacturer. If bulk quantities are required to be disposed of, contact the manufacturer for additional information.

Legislation Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE



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Shipping Name	None Allocated	DG Class	None Allocated	Subsidiary Risk(s)	None Allocated
UN No.	None allocated	Hazchem Code	None Allocated	EPG	None Allocated
Packing Group	None Allocated				

15. REGULATORY INFORMATION

Poison Schedule A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

AICS All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Additional Information

ABBREVIATIONS:

ADB - Air-Dry Basis.
BEI - Biological Exposure Indice(s)
CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.
CNS - Central Nervous System.
EINECS - European Inventory of Existing Commercial Substances.
GHS – Globally Harmonized System
IARC - International Agency for Research on Cancer.
M - moles per litre, a unit of concentration.
mg/m³ - Milligrams per cubic meter.
NOS - Not Otherwise Specified.
NTP - National Toxicology Program.
OSHA - Occupational Safety and Health Administration.
pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm - Parts Per Million.
RTECS - Registry of Toxic Effects of Chemical Substances.
TWAVES - Time Weighted Average or Exposure Standard.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Clean Plus Chemicals report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this Clean Plus Chemicals report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Report Status

This Safety Data Sheet document has been PREPARED by Clean Plus Chemicals. Further clarification regarding any aspect of this product should contact Clean Plus Chemicals directly. While Clean Plus Chemicals has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Clean Plus Chemicals accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.