

SACOA PTY LTD

MATERIAL SAFETY DATA SHEET

SACOA WETTA 1000
Biodegradable Surfactant



S A C O A
growing technology

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Product Name: SACOA WETTA 1000 Biodegradable Surfactant

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SACOA WETTA 1000
CHEMICAL FAMILY: Surfactant
PRODUCT CODE: Not applicable
UN NUMBER: Not applicable
DANGEROUS GOODS CLASS: Not applicable
HAZCHEM CODE: Not applicable
POISON SCHEDULE NUMBER: Not applicable
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Recommended use: Tank added agricultural wetter.

Appearance: Clear liquid with a mild odour.

<u>Chemical Entity</u>	<u>CAS Number</u>	<u>Proportion</u>
Polyalkylene oxide derivative of a synthetic alcohol	103818-93-5	HIGH
Fatty alcohol ethoxylate	-	HIGH
Diethylene glycol monobutyl ether	112-34-5	MED
Water	7732-18.5	LOW
		100%

PROPORTION (% weight/weight): VHIGH > 60, HIGH 30-60, MED 10-29, LOW 1-9, VLOW < 1

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS)

3. HAZARDS IDENTIFICATION

This material is hazardous according to health criteria of NOHSC Australia.

Hazard category Xi Irritant
R-phrases(s) R41 Risk of serious damage to eyes

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

Classified as a C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

Poisons Schedule (Aust)/Toxic Substance (NZ) None allocated

4. FIRST AID MEASURES

Eye contact: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital medical centre.

Skin contact: Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.

Inhalation: Remove victim from exposure – avoid becoming a casualty. Seek medical advice if effects persist.

Ingestion: Rinse mouth with water. Give water to drink. Do NOT induce vomiting. If vomiting occurs give further water. Seek medical advice.

Note to physicians: Treat symptomatically. May cause corneal burns.

5. FIRE-FIGHTING MEASURES

Specific hazards Combustible liquid

Fire fighting further advice Combustible liquid. On burning will emit toxic fumes including those of carbon monoxide and carbon dioxide. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

Suitable extinguishing media Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

6. ACCIDENTAL RELEASE MEASURES

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination. Contain – prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled drums for disposal.

7. HANDLING AND STORAGE

Handling Classified as a C2 (Combustible liquid) for the purpose of storage and handling, in accordance with the requirements of AS1940. Refer to State Regulations for storage and transport requirements.

Storage Store away from oxidising agents. Keep containers closed at all times – check regularly for leaks.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits	No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC Australia)
Engineering measures	Use only in a well ventilated area. Keep containers closed when not in use.
Personal protection equipment	OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES (short). Avoid skin and eye contact. Wear overalls, chemical goggles and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

If inhalation risk exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Clear liquid
Odour:	Mild odour
Specific gravity (25°C)	1.0
Rel Vapour Density (air=1)	N Av
Vapour pressure (20°C)	N Av
Flash Point (°C)	> 150
Flammability Limits (%)	N Av
Autoignition temp (°C)	N Av
% Volatile by weight (water)	5
Solubility in water	N Av
Pour point (°C)	< 0
Boiling point (°C)	N Av
Decomp point (°C)	N Av
Sublimation point	N App
PH (1% aqueous solution)	5.5
Viscosity (25°C)	50 cP
Evaporation rate (n-Butyl acetate=1)	N Av

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

10. STABILITY AND REACTIVITY

Stability	Incompatible with strong oxidising agents.
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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 that may arise if the product is mishandled are:

ACUTE EFFECTS

Ingestion

No adverse effects expected, however large amounts may cause nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact

A severe eye irritant. Contamination of eyes can result in permanent injury. Corrosive to eyes; contact can cause cornea burns.

Skin contact

Contact with skin may result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritation.

Inhalation

Not expected to be a respiratory irritant.

LONG TERM EFFECTS

No information available for the product

Acute toxicity / Chronic toxicity

No LD50 available for the product. However, for the constituent, fatty alcohol derivative, (1)

Oral LD50 (rat): > 2000mg/kg

Moderate skin irritant

Severe skin irritant

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

13. DISPOSAL INFORMATION

Refer to State/Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor.

14. TRANSPORT INFORMATION

Road and rail transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road and rail.

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 hazardous according to health criteria of NOHSC Australia.

Hazard category	Xi Irritant
R-phrases(s)	R41 risk of serious damage to eyes
S-phrases(s)	S24/25: avoid contact with eyes, rinse immediately with plenty of water and seek medical advice. S26: in case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37/39: wear suitable gloves and eye/face protection.

Poisons Schedule (Aust)/Toxic Substance (NZ) None allocated.

16. OTHER INFORMATION

Material Safety Data Sheets are updated frequently. Please ensure you have a current copy. This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product on the workplace. Since SACOA Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

The information given herein relates only to the specific material designated and is offered in good faith as being accurate and reliable as of the date indicated, but without guarantee. All risks of use of the product are therefore assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN RESPECT TO THE USE OR SUITABILITY OF THE PRODUCT. None of the information given is intended as a recommendation for uses which infringe valid patents, or as extending license under valid patents.

If you have purchased the product for supply to a third party for use at work, it is your duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees and others that may be affected, of any hazards described in this sheet and of any precautions, which should be taken.

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