

SACOA PTY LTD

MATERIAL SAFETY DATA SHEET

SACOA WETTA 1000
Biodegradable Surfactant



SACOA

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SHEET REF: WETTA2017
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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
SUPPLIER: SACOA Pty Ltd
ACN 089 114 090
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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	>60
Other ingredients determined not to be hazardous		'to 100

3. HAZARDS IDENTIFICATION

Hazard classification NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.

Based on available information, this material is not classified as hazardous according to Australian criteria.
Not classified as Dangerous Goods for the purpose of transport by road, rail, sea or air transport.

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.

Risk phrase(s) : None allocated

Safety phrase(s) : None allocated

Poisons Schedule (Australia) : 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. Check for and remove any contact lenses. Get medical attention if irritation persists.

Skin contact: Wash contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Ingestion: Wash mouth out with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do NOT induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Note to physicians: Treat symptomatically. Contact poison treatment specialist if large quantities have been ingested or inhaled.

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 1126; New Zealand 0800 764766

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 appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material Put on appropriate protective equipment (see Section 8).

Methods and materials for containment and clean up

Large spill

Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.

Small spill

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up. Alternatively absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

7. HANDLING AND STORAGE

Precautions for safe handling

Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Worker should wash hands and face before eating, drinking or smoking. Remove contaminated clothing and protective equipment before entering eating areas.

Precautions for safe storage

Store in accordance with local regulations. Store in original containers protected from sunlight in a dry, cool and well-ventilated area away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards	No value assigned to this material by the Australian regulatory authority.
Biological limit values	No biological limit allocated.
Engineering measures	No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Personal protection equipment

Eyes

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

Refer to Australian/New Zealand Standard AS/NZS 1337:1992 for guidance on selection and use of protective eyewear.

Hands

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Refer to Australian/New Zealand Standard AS/NZS 2161.1:2000 for guidance on selection and use of protective gloves.

Respiratory

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Refer to Australian/New Zealand Standard AS/NZS 1715 and AS/NZS 1716 for guidance on selection and use of respiratory devices.

Skin

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Clear liquid
Odour:	Mild odour
Density at 15°C	1.0
Vapour pressure (20°C)	N Av
Flash Point (°C)	>150 closed cup.
Auto ignition temp (°C)	N Av
Solubility in water	Soluble
Pour point (°C)	<0
PH (1% aqueous solution)	6 to 8
Viscosity (25°C)	40 cP

(Typical values only – consult specification sheet) N Av = Not available.

10. STABILITY AND REACTIVITY

Chemical stability	Product is stable.
Conditions to avoid	Avoid extreme heat.
Materials to avoid	Reactive or incompatible with the following materials: oxidising agents.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition product should not be produced.
Hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.

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 Toxicity

Conclusion/Summary	No adverse effects known.
Potential Chronic health effects	No known significant effects or critical hazards.
Over-exposure signs/symptoms	No specific data.

12. ECOLOGICAL INFORMATION

Environmental effects : Readily biodegradable, >60% - 28 days (ISO 14593:1999)

13. DISPOSAL INFORMATION

Methods of disposal	The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways and sewers.
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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

Hazard classification	NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.
R-phrases(s)	None Assigned.
S-phrases(s)	None Assigned.
Poisons Schedule (Australia)	None allocated.

16. OTHER INFORMATION

Occupational Exposure Limits: - When a time weighted average (TWA) concentration for an 8 hour day, 5 day week has not been established by Safe Work Australia for any product or material, a blanket recommendation of 5 mg/m³ for respirable vapours, dusts and mists is to be used.

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. Since SACOA Pty. Ltd. cannot anticipate or control the conditions under which the product may be used, prior to usage each user must review this MSDS in the context of how the product may be handled and used in the workplace.

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.

Prepared by: SACOA Pty Ltd., PO Box 469 Claremont WA 6910.

Contact Point: After Hours: - (0427) 522 726 or (0418) 680 950