

SACOA PTY LTD

MATERIAL SAFETY DATA SHEET

Lure H₂O is a soil wetting agent/humectant designed to wet both hydrophilic and hydrophobic soils thus allowing water to penetrate into the top soil evenly permitting weeds, pasture and or crop to germinate evenly and consistently. The inclusion of humectants help to retain moisture during periods of drought etc.



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Product Name: SACOA LURE H₂O

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO WORKSAFE AUSTRALIA CRITERIA

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SACOA Lure H₂O
CHEMICAL FAMILY: Surfactant
PRODUCT CODE:
UN NUMBER: Not applicable
DANGEROUS GOODS CLASS: Not applicable
HAZCHEM CODE: Not applicable
POISON SCHEDULE NUMBER: Not allocated
SUPPLIER: SACOA Pty Ltd
ACN 089 114 090
1st Floor, 39 Stirling Hwy Nedlands. WA 6009
PO Box 469
Claremont WA 6910
Telephone: (08) 9386 7666
Facsimile: (08) 9386 7866
EMERGENCY: Telephone: (08) 9386 7666 (Office hours)
Facsimile: (08) 9386 7866
Mobile: (0427) 522 726 or (0409) 109 082

2. COMPOSITION / INFORMATION ON INGREDIENTS

Generic composition: - Low-foaming block copolymer for use in agricultural applications.

Ingredients determined hazardous to health	<u>R Phrase</u>	<u>CAS Number</u>	<u>% w/w</u>
Polyalkylene glycol mixture		25322-68-3	70 to 90%
Alkyl nonionic/anionic surfactant mixture			5 to 20%
Water			5 to 15%

This product is not hazardous to health as defined by the Worksafe Australia criteria.

See Section 15 for regulatory information.

6. ACCIDENTAL RELEASE MEASURES

Notification procedures:	Report spills as required to appropriate authorities such as the local Environmental Health Officer or Fire Brigade. If spills are likely to enter any drain, waterway or groundwater, contact the Area Water Authority. In case of accident or road spill, contact the Police and Fire Brigade, and if appropriate the Area Water Authority.
Environmental precautions:	Avoid contaminating waterways.
Decontamination procedures:	Contain spill and absorb in earth, sand or other suitable inert absorbent material. Collect solids into a suitably labelled sealable container for disposal. Dispose of at an appropriate licensed waste disposal site in accordance with current applicable laws and regulations and product characteristics at time of disposal.
Personal precautions:	Good standards of industrial and personal hygiene are recommended. See Section 8.

7. HANDLING AND STORAGE

Handling:	Provide suitable mechanical equipment for handling drums and packaging. Avoid skin and eye contact and breathing in vapour. Always wash hands before smoking, eating, drinking or using the toilet.
Storage:	Do not store in open or in unlabelled containers. Keep away from food and drink. Store in a cool, dry, well ventilated place and out of direct sunlight. Keep containers closed when not in use - check regularly for leaks.
General:	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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:	No value assigned for this specific material by the National Occupational Health and Safety Commission.
Ventilation:	No special requirements under ordinary conditions of use and with adequate ventilation.
Respiratory protection:	If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.
Eye protection:	Normal industrial eye protection practices should be employed.
Skin protection:	Wear overalls, impervious gloves and safety shoes.
Engineering controls:	Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Pale yellow to yellow
Odour:	Product specific
pH at 20°C (at 100gm/l):	6.0 to 7.0
Vapour pressure at 20°C (mm Hg):	Not available
Vapour density (air=1):	Not available
Specific Gravity (at 23°C):	1.057
Boiling point (°C):	100°C - water
Pour point (°C):	<0°C
Freezing Point/Range (°C):	Solidification point: approx. -5°C.
Flash point (closed cup) (°C):	>150.0 after loss of water.
Flammability limits (%v/v in air):	LEL: Not available UEL: Not available
Solubility in water:	Soluble in water. Soluble in isopropanol, ethanol.

PLEASE NOTE THAT THE ABOVE TYPICAL PROPERTIES DO NOT CONSTITUTE A SPECIFICATION

10. STABILITY AND REACTIVITY

Stability (thermal, light, etc):	This material is considered stable. No hazardous reactions or hazardous decomposition products when stored and handled correctly.
Conditions to avoid:	Avoid exposure to extreme heat. Avoid aerosol formation.
Hazardous decomposition products:	None known

11 TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the product's components.

ACUTE TOXICOLOGY

Estimated oral LD₅₀ (rat):	> 2000 mg/kg
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HEALTH EFFECTS

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:

On eyes:	Eye irritant.
On skin:	Contact with skin may result in irritation.
By inhalation:	Breathing in mists or aerosols may produce respiratory irritation.
By ingestion:	No adverse effects expected, however large amounts may cause nausea and vomiting.

12. ECOLOGICAL INFORMATION

Biodegradability: Not available **Chemical oxygen demand (mgO₂/L):** Not determined

Avoid contaminating waterways.

Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

13. DISPOSAL INFORMATION

Refer to local government authority for disposal recommendations.

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact.

Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labeled containers or drums for disposal.

14. TRANSPORT INFORMATION

Classification for transport:	Not classified as hazardous for transport.
Shipping name:	Not applicable.
UN number:	None allocated. Packing group: Not applicable.
UN class:	None allocated. Marine pollutant: No
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 label data:	Based on available information, not classified as hazardous according to criteria of NOHSC.
R & S Phrases:	Not applicable
AS 1940 Classification:	Class C2 combustible liquid after evaporation of water content.
Poisons Schedule:	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 WorkSafe 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. Conditions of use and suitability of the product for particular uses are beyond our control; 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.

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

Contact Point: After Hours: - (0427) 522 726 or (0409) 109 082