

MATERIAL SAFETY DATA SHEET



SACOA Liquid AMS is an adjuvant for use with Glyphosate based herbicides to minimize antagonism when tank mixing with flowable herbicides and improve performance under adverse environmental conditions as per the label.

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SHEET REF: AMS0002
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Product Name: SACOA LIQUID AMS

NOT CLASSIFIED AS HAZARDOUS UNDER GHS CRITERIA.

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	SACOA LIQUID AMS
CHEMICAL FAMILY	Inorganic salt solution
UN NUMBER	Not allocated
DANGEROUS GOODS CLASS	Not a Dangerous Good under ADG Code
HAZCHEM CODE	Not applicable
POISON SCHEDULE NUMBER	Not applicable
SUPPLIER	SACOA Pty Ltd ACN 089 114 090 Level 1, 229 Stirling Hwy CLAREMONT, WA 6010 PO Box 469 Claremont WA 6910 Telephone: (08) 9386 7666 Facsimile: (08) 9386 7866
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2. INGREDIENTS

Chemical Name	CAS Number	Proportion
Non-hazardous ingredients		100%

3. FIRST AID

INGESTION	Rinse mouth out and then drink plenty of water.
EYE CONTACT	If in eyes, hold eyelids open and wash with copious amounts of water for at least 15 minutes. Take special care if exposed person is wearing contact lenses.
SKIN CONTACT	Wash affected areas thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
INHALATION	Remove affected person to fresh air until recovered.
FIRST AID FACILITIES	If poisoning occurs, contact a doctor or the Poisons Information Centre (Australia) on 13 11 26.
ADVICE TO DOCTOR	Treat symptomatically.

4. FIRE FIGHTING MEASURES

HAZARDS FROM COMBUSTION	If involved in a fire, the dehydrated material may emit toxic fumes of nitrogen, sulphur oxides and ammonia.
SUITABLE EXTINGUISHING MEDIA	If involved in a fire, the product will not burn. Choose extinguishing media to suit burning material.
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS	Breathable air apparatus may have to be worn if material is involved in fires especially in confined spaces.

5. ACCIDENTAL RELEASE MEASURES

SPILLS & DISPOSAL	Contain spill and absorb with clay, sand, soil or proprietary absorbent material (such as vermiculite). Collect spilled material and waste in a sealable open-top container for disposal.
CLEAN-UP METHODS – SMALL SPILLAGE	Ammonium sulphate is used widely as a fertilizer Small spillages can be diluted with water and worked into the soil.
ENVIRONMENTAL PRECAUTIONS	Prevent from entering drains, waterways or sewers.

6. HANDLING AND STORAGE INFORMATION

CONDITIONS FOR SAFE STORAGE	Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight.
TANK CLEANING	SACOA Liquid AMS may be corrosive to metal parts in sprayer. Thoroughly flush tanks, pumps and nozzles with water after use. Always read label and any attached leaflet before use.

7. EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS	No exposure standards have been set for this product or the active ingredients.
APPROPRIATE ENGINEERING CONTROLS	Natural ventilation is sufficient when handling concentrate and when preparing solution.
PERSONAL PROTECTIVE EQUIPMENT	It is good practice to wear suitable personal protective equipment to avoid skin and eye contact. Wear impermeable gloves and overalls, as well as safety glasses or a face shield.
HYGIENE MEASURES	After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

8. PHYSICAL AND CHEMICAL DATA

ODOUR, APPEARANCE	Colourless Liquid.
MELTING POINT	<0°C.
BOILING POINT	>100°C.
SPECIFIC GRAVITY	1.21
FLASH POINT	Does not burn.
WATER SOLUBILITY	Very soluble.
VOLATILE COMPONENT	58% (water).

9. STABILITY AND REACTIVITY

HAZARDOUS REACTIONS	The addition of strong alkali such as caustic soda will result in evolution of ammonia vapour which is irritating to eyes and lungs. Ammonium Sulphate reacts with sodium hypochlorite.
HAZARDOUS POLYMERIZATION	Does not polymerise.

10. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY - ORAL	LD50 (rats) 3000mg/kg or ammonium sulphate.
INGESTION	The concentrate is of low toxicity if swallowed.
INHALATION	When applying the product as a spray, avoid breathing in spray mist.
SKIN	Prolonged contact with the concentrate may cause irritation.
EYES	The concentrate may cause irritation of the eyes unless washed off immediately.
CHRONIC EFFECTS	No information available, no chronic effects expected.

11. ECOLOGICAL INFORMATION

OTHER PRECAUTIONS

Do not contaminate dams, waterways or sewers with this product or the containers which have held this product.

CONTAINER DISPOSAL

Do not use this container for any other purpose.

Triple or pressure rinse containers before disposal. Add rinsing's to spray tank.

If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, puncture or shred and bury containers in local authority landfill.

If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots.

Empty containers and product should not be burnt.

Returnable containers: empty contents fully into application equipment. Replace cap, close all valves and return to the point of supply for refill or storage.

Drum-Muster is a national program for the collection and recycling of empty, cleaned, non-returnable crop protection and on farm animal health chemical containers. If the label on your container carries the Drum-Muster symbol, triple rinse the container, ring your local Council, and offer the container for collection in the program.

12. REGULATORY INFORMATION

REGULATORY INFORMATION

Australia: WHA regulations (2011) – Schedule 11: classification not listed.

PACKAGING & LABELLING

KEEP OUT OF REACH OF CHILDREN.

READ SAFETY DIRECTIONS BEFORE OPENING OR USING.

13. OTHER INFORMATION

ECOLOGICAL

The product is biodegradable. It will not accumulate in the soil or water or cause long term problems.

TOXICITY

Oral LD50 (rat): 3000 mg/kg

14 . 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.

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