

SACOA PTY LTD

MATERIAL SAFETY DATA SHEET

SACOA Spray Grade Ammonium Sulphate Herbicide Adjuvant is used with Glyphosate based herbicides to minimize antagonism when tank mixing with flowable herbicides, and to improve performance under adverse environmental conditions



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Product Name: SACOA SPRAY GRADE AMMONIUM SULPHATE HERBICIDE ADJUVANT

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO WORKSAFE AUSTRALIA CRITERIA

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	SACOA Spray Grade Ammonium Sulphate Herbicide Adjuvant
CHEMICAL FAMILY:	Inorganic salt
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 Highway, CLAREMONT WA 6010 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 After Hours: (0427) 522 726 or (0418) 680 950

2. PHYSICAL DATA

ODOUR, APPEARANCE:	Odourless, off-white crystalline solid.
MELTING POINT:	280°C
BOILING POINT:	No specific data. Expected to decompose before boiling.
SPECIFIC GRAVITY:	1.77
VAPOUR DENSITY:	No data
VAPOUR PRESSURE:	Negligible at normal ambient temperatures.
FLASH POINT:	Does not burn
FLAMMABILITY LIMITS:	Does not burn
pH (1% SOLUTION):	5.5 approx.
WATER SOLUBILITY:	Very soluble
VOLATILES/VOLATILITY:	Expected to be low at 100°C. Negligible at ambient temperatures.

3. INGREDIENTS

Chemical Name	CAS Number	Proportion
Ammonium Sulphate	7783-20-2	>99.0%
Other ingredients not considered Hazardous by Safe Work Australia		to 100%

4. HEALTH HAZARD INFORMATION

HEALTH EFFECTS:	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 as follows:-
ACUTE EFFECTS:	
SWALLOWED:	May cause gastrointestinal irritation with nausea, vomiting and diarrhea
EYE:	Exposure to eyes may cause eye irritation.
SKIN:	Dust may cause irritation to skin.
INHALED:	Inhalation of dust may cause irritation to the respiratory tract.
CHRONIC EFFECTS	No information available.

5. FIRST AID

INGESTION: If conscious rinse out mouth with water and give water to drink. Do not induce vomiting. If in doubt contact The Poisons Information Centre on 13 1126 or a doctor.

EYE CONTACT: Quickly and gently brush particles away from eyes. Immediately irrigate with copious quantities of lukewarm water for at least 15 minutes. Eyelids to be held open. Obtain medical advice immediately if irritation occurs. Take special care if exposed person is wearing contact lenses.

SKIN CONTACT: Gently brush away excess solid. Irritation is unlikely. However, if irritation does occur, flush with lukewarm water for 5 minutes or until chemical is removed.

INHALATION: First aid is not normally required. If in doubt, contact a Poisons Information Centre on 13 1126 or a doctor.

6. ADVICE TO DOCTOR

ADVICE TO DOCTOR: Treat Symptomatically

7. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:	<u>Substance</u>	TWA (mg/m ³)	STEL (mg/m ³)
Exposure limits have not been established by Safe Work Australia for this product.			
Ventilation:			
Respiratory protection:			
Eye Protection:			
Skin Protection:			
Engineering controls:			

8. FIRE FIGHTING MEASURES

Fire and Explosion Hazard:	There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.
Extinguishing Media:	Not combustible. Use extinguishing media suited to burning materials.
Fire Fighting:	If a significant quantity of this product is involved in a fire, call the Fire Brigade.
Flash Point:	Does not burn.

9. SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

STORAGE PRECAUTIONS:	Store in a cool dry place. Store in well ventilated area. Keep container tightly closed. Protect from physical damage. Keep away from moisture and incompatible materials.
TRANSPORT:	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
INCOMPATIBLE MATERIALS:	Water, acids, zinc, tin, aluminum and their alloys. Strong oxidizing agents such as nitrites, hypochlorites and chlorates.

SPILLS AND DISPOSALS

SPILLS:	Remove all sources of heat. Increase ventilation. Wear sufficient respiratory protection and full protective clothing to minimize skin and eye exposure. Sweep up material avoiding dust generation and seal in vapour tight labelled plastic containers for eventual disposal. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.
DISPOSAL:	Dispose through a licensed waste processing company. Refer to State Land Waste Management Authority.

FIRE/EXPLOSION HAZARD

TRANSPORT:	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:	Thermal decomposition may produce ammonia and oxides of nitrogen and sulphur.
FIRE FIGHTING PROCEDURES:	Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.
EXTINGUISHING MEDIA	Use appropriate fire extinguisher for surrounding environment.

10. 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): 2840 mg/kg

11. 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 – Level 1, 229 Stirling Highway, CLAREMONT WA 6010

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