



Infosafe	Issue Date : August 2015	ISSUED by SANONDA
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Product Name **Sanonda Herbicide Adjuvant AMS**

Not classified as hazardous

## 1. Identification

<b>GHS Product Identifier</b>	Sanonda Herbicide Adjuvant AMS
<b>Product Code</b>	7115
<b>Product Type</b>	Adjuvant
<b>Company Name</b>	Sanonda (Australia) Pty Ltd (ABN 23 059 813 973)
<b>Address</b>	Suite 822, St Kilda Road Towers, No. 1 Queens Road, Melbourne, Victoria 3004 Australia
<b>Telephone/Fax Number</b>	Tel: +61 3 9863 8081 Fax: +61 3 9863 8083
<b>Emergency phone number</b>	+61 3 9863 8081
<b>Recommended use of the chemical and restrictions on use</b>	Sanonda Herbicide Adjuvant is used with glyphosate based herbicide to minimise antagonism when tank mixing with flowable herbicides, and to improve performance under adverse environmental conditions.
<b>Other Information</b>	This Safety Data Sheet describes, to the best of our knowledge, the properties of the concentrated product. The physical properties and some of the assessments do not apply to the properties of the product once it has been diluted for application. Acute health effects of the diluted product are likely to be much less severe.

## 2. Hazard Identification

<b>General</b>	If medical advice is needed, have product container or label at hand.
<b>Precautionary Statement (s)</b>	Keep out of reach of children. Read label before use.
<b>Other Information</b>	Not classified as hazardous according to criteria of Safe Work Australia. Not classified as a Dangerous Good according to the ADG Code.

## 3. Composition/information on ingredients

<b>Chemical Characterization</b>	Liquid		
<b>Ingredients</b>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Ammonium sulphate	7783-20-2	980 g/Kg

## 4. First-aid measures

<b>Inhalation</b>	Remove affected person to fresh air until recovered. Obtain medical advice.
<b>Ingestion</b>	Rinse mouth with water and then give water to drink. If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone 131 126. Remove contaminated clothing and launder before re-use.
<b>Skin</b>	Wash affected areas thoroughly with soap and water. If irritation persists, seek medical advice.
<b>Eye contact</b>	Hold eyes open and flood with clean water. Ensure irrigation under eyelids by occasionally lifting them. Seek medical advice if irritation persists.
<b>First Aid Facilities</b>	If poisoning occurs, contact a doctor or the Poisons Information Centre (Australia) on 13 11 26.
<b>Advice to Doctor</b>	Treat symptomatically.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Not flammable. No risk of explosion if involved in a fire. Extinguish fire using media suited to burning material. If containers are ruptured contain all runoff.
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<b>Hazards from Combustion Products</b>	Keep upwind. This product is likely to decompose only after heating to dryness, followed by further strong heating. The dried product will decompose when burnt and will emit toxic fumes of nitrogen, sulphur oxides and ammonia. Firefighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or smoke.
<b>Special Protective Equipment for fire fighters</b>	Wear full protective clothing and self contained breathing apparatus. Isolate fire area. Evacuate downwind residents. Do not breathe smoke or vapours generated.
<b>Other Information</b>	STOP FIRE WATER FROM ENTERING DRAINS OR WATER BODIES.

## 6. Accidental release measures

<b>Spills &amp; Disposal</b>	In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls and gloves. In the case of spillage, stop leak if safe to do so, and contain spill. Absorb spilled material with absorbent material such as sand, clay or cat litter and dispose of waste.
<b>Environmental Precautions</b>	Prevent from entering drains, waterways or sewers.

## 7. Handling and storage

<b>Precautions for Safe Handling</b>	Wear overalls, rubber gloves, goggles or disposable face shield. After each day's use, wash contaminated clothing, gloves and face shield with soap and water.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in the closed, original container in a dry, cool, well ventilated area away from children, animals, food, feedstuffs. Ammonium Sulphate may be corrosive to metal. After use, use water to thoroughly flush all metal that has come into contact with this product including tanks, pumps and nozzles.
<b>Other Information</b>	

## 8. Exposure controls/personal protection

<b>Occupational exposure limit values</b>	No exposure standard has been established for this product.
<b>Appropriate engineering controls</b>	No special ventilation required. Keep containers closed when not in use.
<b>Personal Protective Equipment</b>	When preparing product for use wear overalls and rubber gloves and goggles or disposable face shield. When using controlled droplet applicator, wear protective waterproof clothing and impervious footwear.
<b>Hygiene Measures</b>	After each day's use, wash contaminated clothing and safety equipment. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.
<b>Requirements Concerning Special Training</b>	Check State or Territory regulations that require people who use pesticides in their job or business to have training in the application of the materials.

## 9. Physical and chemical properties

<b>Form</b>	Liquid
<b>Appearance</b>	Clear colourless liquid
<b>Odour</b>	Slight ammonia odour
<b>Melting Point</b>	~0°C
<b>Boiling Point</b>	~100°C at 100kPa
<b>Solubility in Water</b>	Soluble in water.
<b>Specific Gravity</b>	1.1 g/mL
<b>pH</b>	4 - 6
<b>Vapour Pressure</b>	No data
<b>Flash Point</b>	Not flammable



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**Flammability** Not flammable.

## 10. Stability and reactivity

**Incompatible Materials** Product is considered stable in ambient conditions for a period of at least 2 years after manufacture. The addition of a strong alkali such as caustic soda will result in the evolution of ammonia vapour which is irritating to eyes and lungs. Ammonium sulfate reacts with sodium hypochlorite. DO NOT store for long periods in direct sunlight.

**Possibility of hazardous reactions** This product is likely to decompose only after heating to dryness, followed by further strong heating. The dried product will decompose when burnt and will emit toxic fumes of nitrogen, sulphur oxides and ammonia.

**Hazardous Polymerization** Strong alkali and sodium hypochlorite  
Hazardous polymerisation is not possible.

## 11. Toxicological Information

**Toxicology Information** No specific data is available for this product as no toxicity tests have been conducted on this product. Information presented is our best judgement based on similar products and/or individual components.

**Acute Toxicity - Oral** LD50 (rat) >3000 mg/kg, Practically Non-toxic

**Acute Toxicity - Dermal** LD50 (rabbit) >5000 mg/kg, Practically Non-toxic

**Ingestion** Low acute toxicity. Direct ingestion may produce gastro-intestinal discomfort, nausea, vomiting and diarrhoea.

**Inhalation** Inhalation of vapour and spray mist may produce respiratory irritation.

**Skin** This product may be mildly irritating to the skin.

**Eye** The concentrate may cause irritation of the eyes unless washed off immediately.

**Chronic toxicity** Limited data available, but the current data indicates that the product is not carcinogenic.

## 12. Ecological information

**Environmental Toxicology** This product is a nitrogen and sulphur fertilizer. In high concentrations it can cause short term environmental damage, but the product is biodegradable and does not accumulate in soil or water or cause long term problems.

**Environmental Fate** Readily degrades into nitrogen and sulphur which are plant nutrients.

## 13. Disposal considerations

**Product Disposal** Persons involved in cleanup require adequate skin protection - see section 8. In case of spillage, contain the spill. Keep out animals and unprotected persons. Keep material out of streams and sewers. Vacuum, shovel or pump waste into an approved drum. To decontaminate spill area, tools and equipment, wash with water. Collected material can be used as a nitrogen and sulphur fertilizer.

**Container Disposal** Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.



# Safety Data Sheet

**SANONDA**  
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## 14. Transport information

**Transport Information** It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs.  
**Storage and Transport** Considered non dangerous for transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

## 15. Regulatory information

**Poisons Schedule** Not Scheduled

**Other Information** This product is registered with the Australian Pesticides and Veterinary Medicines Authority (APVMA). APVMA product number: 80229.

## 16. Other Information

**Date of preparation or last revision of SDS** Revised 18/08/2015  
This SDS replaces document dated May 2011.  
**Contact Person/Point** Sanonda (Australia) Pty Ltd  
Suite 822, St Kilda Road Towers, No. 1 Queens Road, Melbourne VIC 3004  
Telephone: +61 3 9863 8081  
Facsimile: +61 3 9863 8083

**Revisions Highlighted** The SDS was reviewed due to a formulation change. Various changes have been made through out this document.

Product is now coloured green.  
...End Of MSDS...

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