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## SAFETY DATA SHEET

### SECTION 1: Identification of the substance/mixture and of the company/ undertaking

#### Product identifiers:

Product name : Sanonda Herbicide Adjuvant AMS  
Active ingredient : Ammonium sulphate  
Product code : 7115

#### Other means of identification:

**IUPAC name:** ammonium tetraoxosulfate (VI) or ammonium sulphate

#### Recommended use of the chemical and restrictions on use:

Agricultural adjuvant for use as described on the product label.

#### Details of the supplier of the safety data sheet:

Sanonda (Australia) Pty Ltd (ABN 23 059 813 973)

Address: Suite 822, St Kilda Road Towers, No. 1 Queens Road, Melbourne,  
Victoria 3004 Australia.

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[email@sanonda.com](mailto:email@sanonda.com)

**Emergency telephone number:** +61 3 9863 8081

### SECTION 2: Hazards identification

#### GHS classification of the substance/mixture:

Not classified as hazardous according to the criteria of SWA

#### Hazard Statement (s):

None. Not hazardous

#### Signal Word (s):

None. Not hazardous

#### General Precautionary Statement (s):

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

#### Pictogram (s):

None. Not hazardous

#### Precautionary statement –Response:

P353: Rinse skin or shower with water.



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P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P332+P313: If skin irritation occurs: Get medical advice.

P337+P313: If eye irritation persists: Get medical advice.

P370+P378: Not combustible. Use extinguishing media suited to burning materials.

**Precautionary statement – Storage:**

P402+P404: Store in a dry place. Store in a closed container.

P403+P235: Store in a well-ventilated place. Keep cool.

**Precautionary statement – Storage:**

P501: Dispose of contents and containers to landfill.

**SECTION 3: Composition/information on ingredients**

Name	CAS	Concentration.g/L	TWA (mg/m <sup>3</sup> )	STEL (mg/m <sup>3</sup> )
Ammonium sulfate	7783-20-2	510g/L	Not set	Not set

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

**SECTION 4: First aid measures**

<b>General Information</b>	You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this MSDS with you when you call.
<b>Ingestion</b>	If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.
<b>Eye contact:</b>	Quickly and gently brush particles from eyes. Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed, while holding the eyelid(s) open. Obtain medical advice immediately if irritation occurs. Take special care if exposed person is wearing contact lenses.
<b>Skin contact:</b>	Gently brush away excess particles. Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.
<b>Inhalation:</b>	First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.
<b>Advice to Doctor</b>	Treat symptomatically. No specific antidote.

**SECTION 5: Firefighting measures**

**Suitable** Not combustible. Use extinguishing media suited to burning materials.



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#### extinguishing media

<b>Hazards from Combustion</b>	There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.
<b>Products</b>	Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.
<b>Special Protective Equipment for fire fighters</b>	Precautions for Firefighters and Special Protective Equipment: When fighting fires involving significant quantities of this product, wear safety boots, non-flammable overalls, gloves, hat, goggles and respirator. All skin areas should be covered.
<b>Other information</b>	None

### SECTION 6: Accidental release measures

<b>Spills &amp; Disposal</b>	Stop leak if safe to do so, and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Consider vacuuming if appropriate. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill.  Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.
<b>Personal Protection</b>	Minor spills do not normally need any special cleanup measures. In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles and gloves. Suitable materials for protective clothing include cotton, rubber, PVC. Eye/face protective equipment should comprise as a minimum, protective goggles. If there is a significant chance that dusts are likely to build up in cleanup area, we recommend that you use a suitable Dust Mask. Use a P1 mask, designed for use against mechanically generated particles e.g. silica & asbestos.

### SECTION 7: Handling and storage

<b>Precautions for Safe Handling</b>	Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this MSDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.
<b>Conditions for safe storage, including any incompatibilities</b>	Make sure that containers of this product are kept tightly closed. Keep containers dry and away from water. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Check packaging - there may be further storage instructions on the label.
<b>Tank Cleaning</b>	
<b>Other Information</b>	Avoid strong acids, bases.



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## SECTION 8: Exposure controls/personal protection

<b>Occupational exposure limit values</b>	Exposure limits have not been established by SWA for this product.
<b>Appropriate engineering controls</b>	Use good occupational work practice with adequate ventilation. Natural ventilation should be adequate under normal use conditions.
<b>Respiratory Protection</b>	If there is a significant chance that dusts are likely to build up in the area where this product is being used, we recommend that you use a suitable Dust Mask.  Safety deluge showers should, if practical, be provided near to where this product is being handled commercially.
<b>Personal Protective Equipment</b>	No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.  Eye Protection: Eye protection such as protective glasses or goggles is recommended when product is being used.  Skin Protection: The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.  Protective Material Types: We suggest that protective clothing be made from the following materials: cotton, rubber, PVC.
<b>Hygiene Measures</b>	After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield and goggles.

## SECTION 9: Physical and chemical properties

<b>Form</b>	Solid
<b>Appearance</b>	White to slightly off-white free flowing crystalline solid.
<b>Melting point/freezing point</b>	Decomposes before melting approx 235°C.
<b>Volatiles</b>	No specific data. Expected to be low at 100°C.
<b>Vapour Pressure</b>	Nil at normal ambient temperatures.
<b>Water solubility</b>	Very soluble
<b>pH Value</b>	No data. Slightly acidic in water.
<b>Volatility:</b>	Nil at normal ambient temperatures.
<b>Autoignition temp</b>	Does not burn

## SECTION 10: Stability and reactivity

<b>Chemical Stability</b>	This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.
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**Possibility of hazardous reactions** Polymerisation: This product will not undergo polymerisation reactions.  
May form nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. May form oxides of sulfur (sulfur dioxide is a respiratory hazard) and other sulfur compounds. Most will have a foul odour.

**Materials to Avoid:** water, acids.

#### SECTION 11: Toxicological information

**Toxicology Information** No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations.

**Other Information** There is no data to hand indicating any particular target organs.

#### SECTION 12: ECOLOGICAL INFORMATION

This product is unlikely to adversely effect the environment. Salts, acids and bases are typically diluted and neutralised when released to the environment in small quantities. Expected to not be an environmental hazard.

#### SECTION 13: Disposal considerations

**Disposal method** This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to separate the contamination in some way. Only if neither of these options is suitable, consider landfill.

#### SECTION 14: Transport information

**UN Number (Sea Transport)** None allocated.

**UN Proper Shipping Name** None allocated.

**Transport hazard class(es)** None allocated.

**Packing Group** None allocated.

**Environmental hazards** None allocated.

**Special precautions for user** It is good practice to separate this product from food, food related materials, animal feedstuffs, seed or fertilisers during transport.

#### SECTION 15: REGULATORY INFORMATION

**Poisons Schedule:**

None allocated.

**Packaging & Labeling:**

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



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**Other Information:**

AICS: This product is compliant with NICNAS regulations.

**SECTION 16. OTHER INFORMATION**

**Date of preparation** Revised 12/02/2022

**or last revision of**

**SDS**

**Contact**

**Person/Point**

Sanonda (Australia) Pty Ltd  
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**Revisions**

The SDS was reviewed to include GHS requirements.

**Highlighted**

**This SDS contains only safety-related information. For other data see product literature.**

All due care and skill, so far as practicable, has been applied in the preparation and collation of the information in this SDS. Each user of the Product named in this SDS should read and consider the information contained in this SDS in the context of how the Product will be stored, handled, used or applied in the workplace. In all circumstances, it is the responsibility of the user of the Product to ensure that they have sought out the relevant safety data appropriate to their particular situation. Nothing contained in this SDS shall be construed as a representation or recommendation to the user about the suitability or otherwise of the Product named in this SDS for the user's particular situation. If the user requires any clarification or further information, the user should contact Sanonda (Australia) Pty Ltd.

**National Poisons Information Centre: Dial 13 11 26 (from anywhere in Australia)**

**Please read all labels carefully before using product.**