

Section 1 - Identification of the Material and Supplier

Chemical nature:	Blend of fertiliser ingredients
Trade Name:	2SPEC Accelerate 30-1-6
Product Use:	Fertiliser
Supplier:	Australian Agribusiness (Holdings) Pty Ltd Suite 201, Level 2, 3 Rider Boulevard, Rhodes NSW 2138 Phone: 02 9395 1200 (office hours) www.aus-ag.com.au
Creation date:	September 2018
This version issued:	September 2023 and is valid for 5 years from this date.
Poisons Information Centre:	Phone 13 1126 from anywhere in Australia

Section 2 - Hazards Identification

Statement of Hazardous Nature

Not Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia (SWA) criteria.

Not classified as Dangerous Good according to the Australian Code for the transport of Dangerous Goods by Road and Rail (7th edition), IATA and IMDG/IMSBC.

GHS Signal word: NONE. Not Hazardous

Hazard Statements – Not Hazardous – No criteria found.

Precautionary Statements

- P102: Keep out of reach of children.
- P262: Do not get in eyes, on skin, or on clothing.
- P281: Use personal protective equipment as required.
- P353: Rinse skin or shower with water.
- P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P370+P378: Not combustible. Use extinguishing media suited to burning materials.
- P402+P404: Store in a dry place. Store in a closed container.
- P403+P235: Store in a well-ventilated place. Keep cool.
- P501: Dispose of contents/containers in accordance with local/regional/national/international regulations.

Emergency Overview

Physical Description & Colour: Blend of coloured and white granules.

Odour: Mild to none.

Major Health Hazards: No significant hazard criteria has been found for this product in normal use.

Section 3 - Composition/Information on Ingredients

<u>Ingredients</u>	<u>CAS No</u>	<u>%</u>
Urea	57-13-6	40-50
Polycoated Sulfon Urea	57-13-6	10-20
Sulphate of Potash	7778-80-5	10-20
Ferrous Sulphate	7720-78-7	1-10
Diammonium Phosphate	7783-28-0	1-10
Manganese Sulphate	7785-87-7	1-10

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

Section 4 - First Aid Measures

General Information: 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 SDS with you when you call.

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Inhalation: No first aid measures are normally required. If dusts have been inhaled, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists for more than about 30 minutes, seek medical advice.

Skin Contact: Gently brush away excess particles. Wash gently and thoroughly with water (use non-abrasive soap if necessary) for 5 minutes or until product is removed.

Eye Contact: Gently brush particles from eyes. No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm water for 5 minutes or until the product is removed or irritation has ceased. Obtain medical advice if irritation becomes painful or lasts more than a few minutes.

Ingestion: 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, if in doubt contact Poisons Information Centre or seek medical advice.

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards: The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness.

Fire decomposition products from this product are likely to be irritating if inhaled.

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.

Upper Flammability Limit: Does not burn.

Lower Flammability Limit: Does not burn.

Autoignition temperature: Not applicable - does not burn.

Flammability Class: Does not burn.

Section 6 - Accidental Release Measures

Accidental release: In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles, and gloves. 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. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Full details regarding disposal of used containers, spillage and unused material may be found on the label. If there is any conflict between this SDS and the label, instructions on the label prevail. Dispose of only in accord with all regulations.

Section 7 - Handling and Storage

Precautions for Safe Handling: Before use carefully read the product label. Use of safe work practices are recommended to avoid eye and skin contact and inhalation of dust. Food, beverage and tobacco product should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage: Store in a cool, dry and well-ventilated area. Keep container tightly closed when not in use. Protect from heat, sparks, open flames and other sources of ignition. Store away from pesticides e.g., insecticides, fungicides, and herbicides. Ensure the product does not come into contact with substances listed under "Materials to avoid" in Section 10.

Section 8 - Exposure Controls and Personal Protection

SWA Exposure Limits	TWA (mg/m ³)	STEL (mg/m ³)	ADI (mg/Kg/day)	NOEL (mg/Kg/day)
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Exposure limits have not been set for any ingredients in product. The 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. There is a blanket limit of 10mg/m³ for dusts or mists when limits have not otherwise been established. The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for 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. ADI means Acceptable Daily Intake and NOEL means No-observable-effect-level. Values taken from Australian ADI List, June 2013

Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

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.

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Ventilation: Avoid high dust concentration and provide local exhaust ventilation where necessary.

Eye Protection: Eye protection such as protective glasses or goggles is recommended when this 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.

Respirator: Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

Safety deluge showers and eye wash facilities is recommended near where this product is being handled.

Section 9 - Physical and Chemical Properties:

Physical Description & colour:	Blend of coloured and white granules.
Odour:	Mild to none.
Boiling Point:	Not applicable.
Freezing/Melting Point:	Decomposes before melting.
Volatiles:	Not applicable.
Vapour Pressure:	Not applicable.
Vapour Density:	Not applicable.
Specific Gravity:	No data.
Water Solubility:	Slightly soluble.
pH:	No data
Volatility:	Negligible at normal ambient temperatures.
Odour Threshold:	No data.
Evaporation Rate:	Not applicable.
Coeff Oil/water Distribution:	No data
Viscosity:	Not applicable.
Autoignition temp:	Not applicable - does not burn.

Section 10 - Stability and Reactivity

Reactivity: This product is stable under normal temperatures and pressures, when stored and handled in accordance with this SDS

Conditions to Avoid: Store away from heat or fire and ignition sources.

Incompatibilities: No specific incompatibilities.

Fire Decomposition: Combustion forms carbon dioxide and if incomplete, carbon monoxide and possible smoke. Water is also formed. May evolve ammonia and oxides of nitrogen, sulphur and potassium when heated to decomposition.

Polymerisation: This product is unlikely to undergo polymerisation processes.

Section 11 - Toxicological Information

Target Organs: There is no data to hand indicating any particular target organs.

Potential Health Effects

Toxicity Data: No LD50 data available for this product.

Inhalation: *Short Term Exposure:* Available data indicates that this product is not harmful. It should present no hazards in normal use. However, product may be irritating but is unlikely to cause anything more than mild transient discomfort. *Long Term Exposure:* No data for health effects associated with long term inhalation.

Skin Contact: *Short Term Exposure:* Available data indicates that this product is not harmful. It should present no hazards in normal use. However, product may be irritating but is unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term skin exposure.

Eye Contact: *Short Term Exposure:* Available data indicates that this product is not harmful. It should present no hazards in normal use. However, product may be irritating to the eyes but is unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term eye exposure.

Ingestion: *Short Term Exposure:* Significant oral exposure is considered to be unlikely. This product, while believed to be not harmful, is likely to cause headache and gastric disturbance such as nausea and vomiting if ingested in significant quantities. This product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort.

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Long Term Exposure: No data for health effects associated with long term ingestion.

Carcinogen Status:

SWA: No significant ingredient is classified as carcinogenic by SWA.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

Classification of Hazardous Ingredients

Ingredient

Hazard Statement

No ingredient mentioned in the HCIS Database is present in this product at hazardous concentrations.

Section 12 - Ecological Information

This product is biodegradable. It will not accumulate in the soil or water or cause long term problems. Not expected to be an environmental hazard.

Section 13 - Disposal Considerations

Disposal: Dispose according to applicable local and state government regulations. Containers should be emptied as completely as practical before disposal. If possible, recycle product and containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site.

Section 14 - Transport Information

UN Number: This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

Section 15 - Regulatory Information

AiIC: All components are on the inventory or in compliance with the inventory. Not a scheduled poison.

Section 16 - Other Information

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

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 th edition)
AiIC	Australian Inventory of Industrial Chemicals
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters.
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Marine Transport Dangerous Goods
HCIS	Hazardous Chemicals Information System
NTP	National Toxicology Program (USA)
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (July 2020)

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Issued by: Australian Agribusiness (Holdings) Pty Ltd

Phone: 02 9395 1200 (office hours)

Poisons Information Centre: 13 1126 from anywhere in Australia, (0800 764 766 in New Zealand)