



# SAFETY DATA SHEET

## SST SPRAY GRADE AMMONIUM SULPHATE

Infosafe No.: X01NB  
Version No.: 5.0  
ISSUED Date : 24/07/2018  
ISSUED by: SST AUSTRALIA PTY LTD

### 1. IDENTIFICATION

#### GHS Product Identifier

SST SPRAY GRADE AMMONIUM SULPHATE

#### Product Code

9769

#### Company Name

SST AUSTRALIA PTY LTD

#### Address

Level 3, 35 Cotham Road, Kew, Victoria 3101  
Australia

#### Telephone/Fax Number

Telephone: 03 9720 6306 Fax number: 03 9720 6407

#### Emergency phone number

1800 638 556

#### E-mail Address

compliance@axieo.com

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

Chemical industry, cosmetic, pharmaceutical, material for further processings.

### 2. HAZARD IDENTIFICATION

#### GHS classification of the substance/mixture

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Ingredients

Name	CAS	Proportion
Ingredients determined not to be hazardous		100 %

### 4. FIRST-AID MEASURES

#### Inhalation

If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

#### Ingestion

Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.

#### Skin

Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

#### Eye contact

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and/or persist seek medical attention.

**First Aid Facilities**

Eyewash and normal washroom facilities.

**Advice to Doctor**

Treat symptomatically.

**Other Information**

For advice in an emergency, contact a Poisons Information Centre or a doctor at once. (131 126)

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**5. FIRE-FIGHTING MEASURES**

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**Suitable Extinguishing Media**

Carbon dioxide, dry chemical or foam.

**Unsuitable Extinguishing Media**

Do not use water jet.

**Hazards from Combustion Products**

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

**Specific Hazards Arising From The Chemical**

This product will burn if exposed to fire.

**Decomposition Temperature**

Not available

**Precautions in connection with Fire**

Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

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**6. ACCIDENTAL RELEASE MEASURES**

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**Emergency Procedures**

Remove all sources of ignition. Increase ventilation. Evacuate all unprotected personnel. Do not breathe in vapours or dust. Wear personal respiratory protection and full protective clothing to minimise exposure.

Liquid form: Extinguish or remove all sources of ignition and stop leak if safe to do so. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal.

Solid form: Sweep up material avoiding dust generation - dampen spilled material with water if suitable to avoid airborne dust, OR where possible use dustless methods such as vacuum to collect the material; then transfer material in to suitable vapour tight labelled containers for subsequent recycling or disposal.

Dispose of waste according to applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

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**7. HANDLING AND STORAGE**

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**Precautions for Safe Handling**

Avoid inhalation of vapours, mists and dust, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of vapours, mists or dust in the work atmosphere. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Establish good housekeeping practices.

Solid form: Remove dust accumulations on a regular basis by vacuuming or gentle sweeping to avoid creating dust clouds.

Maintain high standards of personal hygiene i.e. washing hands prior to eating, drinking, smoking or using toilet facilities.

**Conditions for safe storage, including any incompatibilities**

Store in a cool, dry, well-ventilated area away from heat, sources of ignition and out of direct sunlight and moisture. Store away from incompatible materials such as materials that support combustion; oxidising agents, strong acids, foodstuffs, and clothing. Store in suitable, labelled containers. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations.

For information on the design of the storeroom, reference should be made to Australian Standard AS1940 (2017)- The storage and handling of flammable and combustible liquids.

For information on the handling of Combustible dusts and grounding procedure reference should be made to Australian Standard AS/NZS 4745 (2012) - 'Code of Practice for Handling Combustible Dusts'.

**Storage Temperatures**

Preferably, store between 5°C and 39°C.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Occupational exposure limit values**

No Exposure Limit Established

**Biological Limit Values**

No biological limits allocated.

**Appropriate Engineering Controls**

Provide sufficient ventilation to keep airborne levels below the exposure limits or as low as possible. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is required. If the engineering controls are not sufficient to maintain concentrations of particulates below the exposure standards, suitable respiratory protection must be worn. Refer to relevant regulations for further information concerning ventilation requirements.

**Respiratory Protection**

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapour, mist or dust/particulate filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements.

Reference should be made to Australian Standards AS/NZS 1715 2009, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716 2012, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

**Eye Protection**

Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 2 & 6 2012 - Eye Protectors for Industrial Applications.

**Hand Protection**

Wear gloves of impervious material such as PVC, which is suitable for casual contact. Neoprene or nitrile gloves are recommended, for direct contact for more than 2 hours. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations.

Reference should be made to AS/NZS 2161.1 2016: Occupational protective gloves - Selection, use and maintenance.

**Body Protection**

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

**Other Information**

Solid form:

No exposure standards have been established for this material, however, the TWA exposure standards for dust not otherwise specified is 10 mg/m<sup>3</sup>. As with all chemicals, exposure should be kept to the lowest possible levels.

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

Source: Safe Work Australia

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Form**

Solid/Liquid

**Appearance**

Solid/Liquid

**Colour**

Various

**Odour**

Typical

**Decomposition Temperature**

Not available

**Melting Point**

Not available

**Boiling Point**

Not available

**Solubility in Water**

Not available

**Solubility in Organic Solvents**

Not available

**Specific Gravity**

Not available

**pH**

Not available

**Vapour Pressure**

Not available

**Vapour Density (Air=1)**

Not available

**Evaporation Rate**

Not available

**Odour Threshold**

Not available

**Viscosity**

Refer to Section 9: Kinematic Viscosity and Dynamic Viscosity

**Volatile Component**

Not available

**Partition Coefficient: n-octanol/water**

Not available

**Flash Point**

Not available

**Flammability**

Not flammable

**Auto-Ignition Temperature**

Not available

**Explosion Limit - Upper**

Not available

**Explosion Limit - Lower**

Not available

**Explosion Properties**

Not available

**Oxidising Properties**

Not available

**Kinematic Viscosity**

Not available

**Dynamic Viscosity**

Not available

## 10. STABILITY AND REACTIVITY

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**Reactivity**

Refer to Section 10: Possibility of hazardous reactions

**Chemical Stability**

Stable under normal conditions of storage and handling.

**Conditions to Avoid**

Dust, heat, open flames and other sources of ignition. Extremes of temperature (preferably, store between 5°C and 39°C). The product is combustible when heated >300°C.

**Incompatible materials**

May react with strong oxidising agents (eg. chlorates, peroxides), especially at high temperatures.

**Hazardous Decomposition Products**

Thermal decomposition may result in the release of toxic and/or irritating fumes including: carbon dioxide, carbon monoxide and oxides of nitrogen.

**Possibility of hazardous reactions**

Reacts with incompatible materials.

May react with strong oxidising agents (eg. chlorates, peroxides), especially at high temperatures.

**Hazardous Polymerization**

Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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**Toxicology Information**

No toxicity data available for this material.

**Ingestion**

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

**Inhalation**

Inhalation of dusts/vapors may irritate the respiratory system.

**Skin**

May be irritating to skin. The symptoms may include redness, itching and swelling.

**Eye**

May be irritating to eyes. The symptoms may include redness, itching and tearing.

**Respiratory sensitisation**

Not expected to be a respiratory sensitiser.

**Skin Sensitisation**

Not expected to be a skin sensitiser.

**Germ cell mutagenicity**

Not considered to be a mutagenic hazard.

**Carcinogenicity**

Not considered to be a carcinogenic hazard.

**Reproductive Toxicity**

Not considered to be toxic to reproduction.

**STOT-single exposure**

Not expected to cause toxicity to a specific target organ.

**STOT-repeated exposure**

Not expected to cause toxicity to a specific target organ.

**Aspiration Hazard**

Not expected to be an aspiration hazard.

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## 12. ECOLOGICAL INFORMATION

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**Ecotoxicity**

No ecological data available for this material.

**Persistence and degradability**

Insoluble in water - can be separated from water mechanically in suitable effluent treatment plants.

**Mobility**

Non-volatile and absorption into soil solid phase not expected.

**Bioaccumulative Potential**

Not available

**Other Adverse Effects**

Not available

**Environmental Protection**

Prevent this material entering waterways, drains and sewers.

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## 13. DISPOSAL CONSIDERATIONS

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**Disposal considerations**

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

## 14. TRANSPORT INFORMATION

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### Transport Information

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

### U.N. Number

None Allocated

### UN proper shipping name

None Allocated

### Transport hazard class(es)

None Allocated

### Packing Group

None Allocated

### UN Number (Air Transport, ICAO)

None Allocated

### IATA/ICAO Proper Shipping Name

Not dangerous for conveyance under IATA code

### IATA/ICAO Hazard Class

None Allocated

### IATA/ICAO Packing Group

None Allocated

### IMDG UN No

None Allocated

### IMDG Proper Shipping Name

Not dangerous for conveyance under IMO/IMDG code

### IMDG Hazard Class

None Allocated

### IMDG Pack. Group

None Allocated

### IMDG Marine pollutant

No

### Transport in Bulk

Not available

### Special Precautions for User

Not available

## 15. REGULATORY INFORMATION

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### Regulatory information

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

### Poisons Schedule

Not Scheduled

## 16. OTHER INFORMATION

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### Date of preparation or last revision of SDS

SDS Reviewed: July 2018, Supersedes: January 2017

### References

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of Classification and Labelling of Chemicals.

#### Contact Person/Point

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