Safety Data Sheet
according to WHS Regulations

Printing date 25.11.2021 Revision: 24.11.2021

1 Identification

Product Name: Thin-It

Other Means of Identification: Mixture
Other Name: Grochem Thin-It
APVMA Approval Number: 58081

Recommended Use of the Chemical and Restriction on Use: Fertiliser, fruit thinning.

Details of Manufacturer or Importer:
Grochem Australia Pty Ltd
550 Bourke Street
Melbourne, VIC 3000

SUMITOMO CHEMICAL AUSTRALIA PTY LTD
Level 5, 51 Rawson Street
Epping, NSW 2121
www.sumitomo-chem.com.au

Phone Number:
1800 777 068
(02) 8752 9000

Emergency telephone number: 1800 127 406
Email: reception@sumitomo-chem.com.au

2 Hazard(s) Identification

Hazardous Nature:
Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Skin Corrosion/Irritation 2	H315 Causes skin irritation.
Serious Eye Damage/Irritation 2	H319 Causes serious eye irritation.
Aquatic Acute 3	H402 Harmful to aquatic life.

Signal Word Warning

Hazard Statements
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H402 Harmful to aquatic life.

Precautionary Statements

P264	Wash thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection / face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P321	Specific treatment (see on this label).
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P337+P313	If eye irritation persists: Get medical advice/attention.

(Contd. on page 2)

Safety Data Sheet
according to WHS Regulations

Printing date 25.11.2021 Revision: 24.11.2021

Product Name: Thin-It

(Contd. of page 1)

P501 Dispose of contents/container in accordance with local/regional/national regulations.

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures
Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:		
CAS: 1336-21-6	Ammonium Hydroxide Acute Toxicity (Inhalation) 3, H331; Skin Corrosion/Irritation 1B, H314; Aquatic Acute 1, H400; Acute Toxicity (Oral) 4, H302	<1.5%

4 First Aid Measures

Inhalation: If inhaled, remove to fresh air. Seek medical attention if breathing problems develop.

Skin Contact:
In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:
In case of eye contact, rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if symptoms persist.

Ingestion:
If swallowed, do not induce vomiting. Rinse mouth with water. Give water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention immediately.

Symptoms Caused by Exposure:
Inhalation: May cause respiratory irritation and coughing. High level exposure may cause dizziness, nausea, and headache.
Skin Contact: Causes skin irritation. May cause redness, pain, and rash.
Eye Contact: Causes serious eye irritation. May cause lacrimation, pain, and redness.
Ingestion: May be harmful if swallowed. May cause headaches and mental impairment.

5 Fire Fighting Measures

Suitable Extinguishing Media: Use fire extinguishing methods suitable to surrounding conditions.

Specific Hazards Arising from the Chemical:
Hazardous combustion products include toxic gases such as sulfur oxides and ammonia.
Product is not flammable.
Containers close to fire should be removed only if safe to do so. Use water spray to cool fire exposed containers.
Prevent run-off from fire fighting measures from entering drains or water courses.

Special Protective Equipment and Precautions for Fire Fighters:
When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:
Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots.
Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

Environmental Precautions:
In the event of a major spill, prevent spillage from entering drains or water courses.

(Contd. on page 3)

Safety Data Sheet
according to WHS Regulations

Printing date 25.11.2021 Revision: 24.11.2021

Product Name: Thin-It

(Contd. of page 2)

Methods and Materials for Containment and Cleaning Up:
Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

7 Handling and Storage

Precautions for Safe Handling:
Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.
Food, beverages and tobacco products 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, and direct sunlight.. Keep away from oxidising agents, acids, bases, and metals.

8 Exposure Controls and Personal Protection

Exposure Standards:	
CAS: 7664-41-7 Ammonia, anhydrous	
WES	STEL: 24 mg/m³, 35 ppm TWA: 17 mg/m³, 25 ppm

Engineering Controls:
Ensure adequate ventilation of the working area, keeping airborne concentrations below occupational exposure standards.

Respiratory Protection:
Use an approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:
PVC or rubber gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.
Occupational protective clothing such as coveralls or a laboratory coat (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:
Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 Physical and Chemical Properties

Appearance:
Form: Liquid
Colour: Colourless
Odour: Amine odour
Odour Threshold: No information available

(Contd. on page 4)

Safety Data Sheet
according to WHS Regulations

Printing date 25.11.2021 Revision: 24.11.2021

Product Name: Thin-It

(Contd. of page 3)

pH-Value:	8-9
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	No information available
Flammability:	Not flammable
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Relative Density:	1.32
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	Soluble
Partition Coefficient (n-octanol/water):	No information available
Viscosity:	No information available

10 Stability and Reactivity

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of storage and use.

Conditions to Avoid: Heat, sparks, open flames, hot surfaces and direct sunlight.

Incompatible Materials:
Oxidising agents such as hypochlorites, acids such as nitric acid, bases such as sodium hydroxide, and metals.

Hazardous Decomposition Products: Sulfur oxides and ammonia.

11 Toxicological Information

Toxicity:

Acute Health Effects
Inhalation:
May cause respiratory irritation and coughing. High level exposure may cause dizziness, nausea, and headache.
Skin: Causes skin irritation. May cause redness, pain, and rash.
Eye: Causes serious eye irritation. May cause lacrimation, pain, and redness.
Ingestion: May be harmful if swallowed. May cause headaches and mental impairment.

Skin Corrosion / Irritation: Causes skin irritation.

Serious Eye Damage / Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity: This product does NOT contain any IARC listed chemicals.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure:
Based on classification principles, the classification criteria are not met.

(Contd. on page 5)

Safety Data Sheet
according to WHS Regulations

Printing date 25.11.2021 Revision: 24.11.2021

Product Name: Thin-It

(Contd. of page 4)

Specific Target Organ Toxicity (STOT) - Repeated Exposure:
Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects: No information available

Existing Conditions Aggravated by Exposure: No information available

12 Ecological Information

Ecotoxicity:

Aquatic toxicity:
Harmful to aquatic life.
Can cause oxygen deprivation and an increase in ammonia levels.

Persistence and Degradability: No data available on finished product.

Bioaccumulative Potential: No data available on finished product.

Mobility in Soil: No data available on finished product.

Other adverse effects: May promote algal growth in water systems.

13 Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.

Special Precautions for Landfill or Incineration:
Please consult your state Land Waste Management Authority for more information.

14 Transport Information

UN Number	Not regulated
Proper Shipping Name	Not regulated
Dangerous Goods Class	Not regulated
Packing Group:	Not regulated

15 Regulatory Information

Australian Inventory of Industrial Chemicals:
All ingredients are listed.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:
Not a scheduled poison.
Australian Pesticides and Veterinary Medicines Authority:
This product is registered with the Australian Pesticides and Veterinary Medicines Authority. APVMA number 58081.

16 Other Information

Date of Preparation or Last Revision: 19.11.2021

Prepared by: MSDS.COM.AU Pty Ltd www.msds.com.au

Abbreviations and acronyms:
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
CAS: Chemical Abstracts Service (division of the American Chemical Society)
IARC: International Agency for Research on Cancer
STEL: Short Term Exposure Limit

(Contd. on page 6)

Safety Data Sheet
according to WHS Regulations

Printing date 25.11.2021 Revision: 24.11.2021

Product Name: Thin-It

(Contd. of page 5)

TWA: Time Weighted Average
NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)
Acute Toxicity (Oral) 4: Acute toxicity – Category 4
Acute Toxicity (Inhalation) 3: Acute toxicity – Category 3
Skin Corrosion/Irritation 1B: Skin corrosion/irritation – Category 1B
Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2
Serious Eye Damage/Irritation 2: Serious eye damage/eye irritation – Category 2
Aquatic Acute 1: Hazardous to the aquatic environment, short-term (Acute). Category 1
Aquatic Acute 3: Hazardous to the aquatic environment, short-term (Acute). Category 3

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - July 2020”
The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Grochem Australia Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.