

Trace-it Potassium™

Section 1: Identification of the Substance or Mixture and of the Supplier

Product name:	Trace-it Potassium™
Recommended use:	Liquid Potassium fertiliser to correct Potassium deficiencies.
Company details:	GroChem (AgriNova New Zealand Limited) 15 Sunlight Grove Porirua New Zealand
Telephone:	+64 4 237 0905
Email:	grochem@grochem.com
Emergency telephone:	New Zealand 0800 CHEMCALL – 24 hours (0800 243 6225) Australia 1800 127 406 Other locations +64 4 917 9888 or The National Poisons Centre 0800 POISON (0800 764 766)
Date of preparation:	7 July 2017

Please read safety data sheet and label before use
Keep out of reach of children

Section 2: Hazards Identification

Hazard classification (Transport):	Not a Dangerous Good for transport.
Hazardous substances (HSNO):	6.3B (WARNING: Causes mild skin irritation) 6.4A (WARNING: Causes eye irritation)

Section 3: Composition/Information on Ingredients

Classification & type: Pure substance

Material	CAS No.	Proportion (%w)
Potassium Thiosulphate	10294-66-3	>48
Other non-hazardous components		to 100

Section 4: First Aid Measures

Symptoms of exposure:

If Swallowed	Swallowing can result in irritation of the digestive tract.
If in Eyes	Causes eye irritation.
If on Skin	Causes mild skin irritation.
If Inhaled	May cause respiratory tract irritation.

First aid actions:

	Call a POISON CENTRE or Doctor if you feel unwell.
If Swallowed	Drink plenty of water or milk. Seek medical advice.
If in Eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
If on Skin	Wash thoroughly with soap and water. If skin irritation occurs, get medical advice/attention.
If Inhaled	Move patient to fresh air and sit in a position comfortable for breathing.

Workplace facilities:

An eyewash, safety shower and general hygiene facilities should be available.

Notes for medical personnel:

Treat symptomatically.

Section 5: Fire Fighting Measures

Type of Hazard:

Material is not flammable.
Risks associated to sulphur dioxide: toxic gas by inhalation, heavier than air. It can accumulate itself in closed areas and particularly at soil level or below it. In high concentrations it is corrosive for eyes, respiratory system and skin.

HAZCHEM code:

N/A

Combustion products:

Sulphur dioxide.

Extinguishing media & methods:

Use media suitable to flammable material involved.

Recommended protective clothing:

Fire-fighters to wear self-contained breathing apparatus.

Section 6: Accidental Release Measures

Personal protection:

See Section 8.3 for appropriate PPE.
Take particular care if product has been subjected to heat.

Containment and clean up:

Small spills - rinse with water and treat the contaminated water, oxidising it with hydrogen peroxide and neutralising it with soda or lime. Large spills - stem with sand or soil and collect mechanically into suitable containers.

Special requirements:

See Section 13 for instructions for the disposal of waste/contaminated material.

Section 7: Handling and Storage

Subsection 1:	Handling
Handling practices	Wear appropriate PPE as detailed in Section 8.3. Read label before use.
Subsection 2:	Storage
Site requirements	Prevent from heating. Store in a cool and well-ventilated place. DO NOT store near oxidants, acids or alkalis. Keep containers away from direct sunlight.

Section 8: Exposure Controls/Personal Protection

Subsection 1:	Workplace Exposure Guidelines (may also be considered in section 2)
Exposure standards	No exposure standards have been set for this substance.
Subsection 2:	Engineering Controls
Exposure control measures	Use only outdoors or in a well-ventilated area.
Subsection 3:	Personal Protective Equipment (PPE)
Detail specifications for equipment	Wear eye/face protection, gloves and protective clothing.
General hygiene	Wash hands and exposed skin after work and before meals.

Section 9: Physical and Chemical Properties

Appearance	Clear colourless liquid	pH	8.5-9.5
Odour	Near odourless	Boiling point (degC)	Approx 110
Specific gravity (kg/L)	1.4	Freezing point (degC)	<0
Solubility	Infinite in water	Flashpoint (degC)	Not flammable

Section 10: Stability and Reactivity

Stability of substance:	Stable when stored appropriately.
Conditions to avoid:	Heat.
Material to avoid:	Avoid contact with acids and oxidising agents.
Hazardous decomposition products:	Potassium oxide and sulphur oxides are released when heated/burnt.
Hazardous polymerization:	Will not occur.

Section 11: Toxicological Information

Data and interpretation:	Not known. See Section 2 for general hazard information.
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Section 12: Ecological Information

Potential environmental interactions:

Environmental risk phrases No specific information.

Section 13: Disposal Considerations

Product disposal: Use as directed on the label. If excess to requirements oxidise with hydrogen peroxide and neutralise it with soda or lime. Inorganic product not to be disposed of through biological treatment systems.

Container disposal: Triple rinse container into spray tank. Recycle if possible (eg AgRecovery), otherwise puncture, crush and bury at an approved landfill.

Section 14: Transport Information

UN number: Not allocated

DG class and subsidiary group: N/A

Proper shipping name: N/A

Packing group: N/A

HAZCHEM code: N/A

Special precautions: Do not carry more than 5L on a passenger service vehicle.

Section 15: Regulatory Information

Regulatory status: Approved in accordance with the HSNO act (1996) under the Fertilisers (Subsidiary Hazard) Group Standard HSR002571. See www.epa.govt.nz for approval conditions.

HSNO Controls: Trigger quantities for this substance:
SDS must be available for 50L

Section 16: Other Information

Revision due: 07 July 2022.

Additional information: Directions for use are found on the product label.

Glossary:

ACVM	Agricultural Compounds and Veterinary Medicines (in relation to Group or Act 1997)
CAS	Chemical Abstract Services Number, used to uniquely identify chemical compounds
HSNO	Hazardous Substances and New Organisms (legislation 1996)
PPE	Personal Protective Equipment

This SDS summarises our best knowledge of the health and safety hazard information available for this product and how to safely handle and use it. Since the use of this information and the conditions of the use of this product are not under the control of GroChem, it is the user's responsibility to determine conditions of safe use of the product.