

0-0-25 KTS

SECTION 1. IDENTIFICATION

Product Identifier	0-0-25 KTS
Other Means of Identification	0-0-25+17S
Other Identification	Potassium Thiosulphate
Product Family	Agriculture
Recommended Use	Fertilizer.
Restrictions on Use	None known.
Manufacturer/Supplier Identifier	Tessengerlo Kerley, Inc., Suite 300, 2255 N. 44th Street, Pheonix, AZ, 85008-3279, Tessenderlo Kerley, Inc., 800-877-1737
Supplier Identifier	TerraLink Horticulture Inc., 464 Riverside Road, Abbotsford, BC, V2S 7M1, 1-800-661-4559
Emergency Phone No.	CANUTEC, In the event of an emergency involving dangerous goods, call 613-996-6666 or *666 on a cellular phone.
SDS No.	0738

SECTION 2. HAZARD IDENTIFICATION

Classification

Not classified under any hazard class.

Label Elements

Not applicable

Other Hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Thiosulfuric acid (H ₂ S ₂ O ₃), dipotassium salt	10294-66-3	30 - 60		Potassium Thiosulphate
water	7732-18-5	30 - 60		

SECTION 4. FIRST-AID MEASURES

First-aid Measures**Inhalation**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately. Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Rinse with lukewarm, gently flowing water for 5 minutes. Clean clothing, shoes and leather goods. Get medical advice or attention if you feel unwell or are concerned.

Eye Contact

Product Identifier: 0-0-25 KTS - Ver. 1
Date of Preparation: October 29, 2019
Date of Last Revision: October 29, 2019

SDS No.: 0738

Page 01 of 05

Rinse the contaminated eye(s) with lukewarm, gently flowing water for at least 15 minutes. If wearing contact lens(es), remove after 5 minutes and continue rinsing for at least 10 minutes.

Ingestion

Rinse mouth with water. Give large amounts of water. Get medical advice or attention if you feel unwell or are concerned.

First-aid Comments

Get medical advice or attention if you feel unwell or are concerned.

Most Important Symptoms and Effects, Acute and Delayed

None known.

Immediate Medical Attention and Special Treatment

Target Organs

None known.

Special Instructions

No information available.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Product

This product presents no unusual hazards in a fire situation.

Special Protective Equipment and Precautions for Fire-fighters

No special precautions are necessary.

Fire-fighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Environmental Precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and Materials for Containment and Cleaning Up

Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Pump spilled material to a suitable, labeled container for recycling or disposal. Recycle to process, if possible. or dispose of via a licensed waste disposal contractor.

Other Information

No other information was found.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling.

Conditions for Safe Storage

Keep container tightly closed. Keep container in a cool, well-ventilated area.

Product Identifier: 0-0-25 KTS - Ver. 1

SDS No.: 0738

Date of Preparation: October 29, 2019

Date of Last Revision: October 29, 2019

Page 02 of 05

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Not available.

Appropriate Engineering Controls

Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air.

Individual Protection Measures

Eye/Face Protection

Not required but it is good practice to wear safety glasses or chemical safety goggles.

Skin Protection

Gloves, long sleeve shirts, long pants or cotton/synthetic overalls or coveralls are normally suitable. Launder work clothing regularly.

Respiratory Protection

If user operations generate dust, fume, mist or if workplace contaminant level is above threshold limit, ensure to use a MSHA/NIOSH approved respirator or equivalent.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Clear colourless. Particle Size: Not available
Odour	Sulphur like
Odour Threshold	Not available
pH	7.5 (estimated)
Melting Point/Freezing Point	Not available (melting); < -15 °C (5 °F) (freezing)
Initial Boiling Point/Range	106 °C (223 °F)
Flash Point	Not available
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	Not available
Solubility	Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)
Other Information	
Physical State	Liquid
Molecular Formula	Not available
Molecular Weight	Not available
Bulk Density	Not available
Surface Tension	Not available
Critical Temperature	Not available
Electrical Conductivity	Not available
Vapour Pressure at 50 deg C	Not available

Product Identifier: 0-0-25 KTS - Ver. 1

SDS No.: 0738

Date of Preparation: October 29, 2019

Date of Last Revision: October 29, 2019

Page 03 of 05

Saturated Vapour Concentration Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity

None known.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

Acids or acidic materials will cause the release of Sulfur dioxide.

Conditions to Avoid

High temperatures.

Incompatible Materials

Increased risk of fire and explosion on contact with: strong oxidizing agents (e.g. perchloric acid). Forms Sulphur Dioxide on contact with acids. Which is a severe respiratory hazard.

Hazardous Decomposition Products

Potassium sulfate and Oxides of Sulfur. Sulfur dioxide is a severe respiratory irritant.

SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

Likely Routes of Exposure

Skin contact; eye contact; ingestion.

Acute Toxicity

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

Skin Corrosion/Irritation

May cause skin irritation.

Serious Eye Damage/Irritation

Contact may cause mild eye irritation including stinging, watering and redness.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

May cause mild irritation in the respiratory tract.

Skin Absorption

No information was located.

Ingestion

May cause symptoms of vomiting or diarrhea if ingested in large quantities.

Aspiration Hazard

No information was located.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

None known.

Respiratory and/or Skin Sensitization

Sensitization may occur following exposure to the liquid or vapour.

Carcinogenicity

No information was located.

Reproductive Toxicity

Development of Offspring

Product Identifier: 0-0-25 KTS - Ver. 1

Date of Preparation: October 29, 2019

Date of Last Revision: October 29, 2019

SDS No.: 0738

Page 04 of 05

No information was located.

Sexual Function and Fertility

No information was located.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

No information was located.

Interactive Effects

No information was located.

SECTION 12. ECOLOGICAL INFORMATION

Environmental information was not located.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of according to local, provincial and federal government requirements.

SECTION 14. TRANSPORT INFORMATION

This section is not required by WHMIS 2015.

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

SECTION 16. OTHER INFORMATION

SDS Prepared By Regulatory and Technical Resources

Phone No. 604-864-9044

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