

## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: **Silvamix FORTE 30**  
 Item Code:  
 Product Use: Fertiliser  
 Restriction of Use: Refer to Section 15

New Zealand Supplier: Horticulture Ltd  
 Address: 10 Firth Street  
 Drury, 2113

Telephone: +64 9 294 8453  
 Fax Number: +64 9 294 7272

**Emergency Telephone: 0800 764 766 (National Poison Centre)**

Date of SDS Preparation: 2 June 2022 v2

### Section 2. Hazards Identification

**Not classified as hazardous according to Regulation (EC) No. 1272/2008 [CLP] which meets New Zealand jurisdiction criteria as per EPA Hazardous Substances (Classification) Notice 2020.**

### Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Potassium Nitrate	6	7757-79-1

### Section 4. First Aid Measures

Routes of Exposure:

If in Eyes: Rinse cautiously with water for 15 minutes. If eye irritation persists: Get medical advice.

If on Skin: Wash with plenty of soap and water. If skin irritation occurs: get medical advice/attention.

If Swallowed: Do not induce vomiting. Clean mouth with water and drink afterwards plenty of water. Call a POISON CENTER or doctor/physician if you feel unwell.

If Inhaled: Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

**Most important symptoms and effects, both acute and delayed**

Symptoms: No significant effects or critical hazards known.

Advice to Doctor: Treat symptomatically.

**Section 5. Fire Fighting Measures**

<b>Hazard Type</b>	Non Flammable
<b>Hazards from combustion products</b>	Thermal decomposition may produce hazardous products: carbon monoxide, carbon dioxide and other dangerous gases.
<b>Suitable Extinguishing media</b>	CO <sub>2</sub> , powder or water spray. Do not use full stream of water.
<b>Precautions for firefighters and special protective clothing</b>	In case of fire and/or explosion do not breathe fumes. Use self-contained breathing apparatus.
<b>HAZCHEM CODE</b>	<b>None Allocated</b>

**Section 6. Accidental Release Measures**

Restrict access of unauthorized persons to the area of the accident. Ensure adequate ventilation. Use personal protective equipment. Avoid skin and eye contact. Do not breathe dust. Follow the rules and regulations of work safety when working with chemical products.

Do not allow to enter sewers / surface or ground water. If the product leaks into water or sewage system, inform appropriate authorities.

Collect mechanically and dispose of in accordance with local regulations.

**Section 7. Handling and Storage****Precautions for Handling:**

- Avoid skin and eye contact.
- Do not eat, drink or smoke when using this product.
- Wash hands thoroughly after handling.
- Wear protective clothing as per Section 8.

**Precautions for Storage:**

- Store away from foodstuffs and incompatible chemicals listed in Section 10.
- Store in a dry, covered and ventilated place.
- Protect from direct sunlight.
- Store away from food and feedstuffs.

**Section 8 Exposure Controls / Personal Protection****WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

Substance	TWA	STEL
	ppm mg/m <sup>3</sup>	ppm mg/m <sup>3</sup>

No chemicals have exposure limits

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 13TH EDITION.

## Engineering Controls

No specific controls are needed.

## Personal Protection Equipment

<b>Eyes</b>	Safety goggles.
<b>Hands and Skin</b>	Wear protective gloves and ordinary work clothes.
<b>Respiratory</b>	Not required for normal use.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Solid, tablets
<b>Odour</b>	Not available
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Boiling Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	Not available
<b>Flammability</b>	Not available
<b>Upper and Lower Explosive Limits</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density</b>	Not available
<b>Relative Density</b>	Not available
<b>Solubilities</b>	Not available
<b>Partition Coefficient:</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Kinematic Viscosity</b>	Not available
<b>Particle Size</b>	Not available
<b>Solvent Content: Organic Solvents Solid content</b>	Not available

## Section 10. Stability and Reactivity

<b>Stability of Substance</b>	This product is stable under normal conditions.
<b>Conditions to Avoid</b>	None known.
<b>Incompatible Materials</b>	None known.
<b>Hazardous Decomposition Products</b>	No dangerous decomposition products known.

## Section 11 Toxicological Information

### Acute Effects:

<b>Swallowed</b>	Not applicable.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Not applicable.
<b>Skin</b>	Not applicable.

### Chronic Effects:

<b>Carcinogenicity</b>	Not applicable.
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<b>Reproductive Toxicity</b>	Not applicable.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Not applicable.

## Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

<b>Persistence and degradability</b>	No data available.
<b>Bioaccumulation</b>	No data available.
<b>Mobility in Soil</b>	No data available.
<b>Other adverse effects</b>	No data available.

## Section 13. Disposal Considerations

**Disposal Method:** Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling or disposed of after being thoroughly cleaned.

**Precautions and methods to avoid:** None known.

## Section 14 Transport Information

**This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2012**

## Section 15 Regulatory Information

Not classified as hazardous according to Regulation (EC) No. 1272/2008 [CLP] which meets New Zealand jurisdiction criteria as per EPA Hazardous Substances (Classification) Notice 2020.

<b>HSWA &amp; EPA Controls</b>	<b>Trigger Quantity</b>
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	Not required
Emergency Response Plan	Not required
Secondary Containment	Not required
Restriction of Use	Not required

## Section 16 Other Information

### Glossary

Cat	Category
EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2022 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

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Please contact the New Zealand distributor, if further information is required.

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