

SAFETY DATA SHEET

According to HSNO Hazardous Substances (Safety Data Sheets) Notice 2017

Section 1. Identification of the material and the supplier

Product: **Diversity ST**
Product Use: Fertiliser
Restriction of Use: Refer to Section 15

New Zealand Supplier: **Agrisource (2000) Ltd**
Address: 45 Kitchener Road
Pukekohe, Auckland

Telephone: +64 9 237 0422
Emergency No: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 25 January 2023

Section 2. Hazards Identification

Classified as NOT hazardous according to Regulation (EC) No. 1272/2008 [CLP] which meets New Zealand specified jurisdiction criteria as per EPA Hazardous Substances (Safety Data Sheets) Notice 2017 Part B Clause 9.

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Non hazardous ingredients	≤100%	Not applicable

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes: Rinse eyes with water as a precaution. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

If on Skin: Wash skin with plenty of water. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

If Swallowed: Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Seek medical attention if needed.

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. Apply artificial respiration if not breathing. Get medical advice if breathing becomes difficult.

Most important symptoms and effects, both acute and delayed

Symptoms: None known.

Section 5. Fire Fighting Measures

Hazard Type	Non-Flammable
Hazards from combustion products	Toxic fumes may be released.
Suitable Extinguishing media	Water spray. Dry powder. Foam. Carbon dioxide. Sand. Do not use heavy water stream.
Precautions for firefighters and special protective clothing	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. Do not enter fire area without proper protective equipment, including respiratory protection. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

For personal protection see section 8. Ventilate spillage area. Evacuate unnecessary personnel.

Do not let product enter drains.

Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Dispose of as detailed in Section 13.

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

- Ensure good ventilation of the work station.
- Wear personal protective equipment.
- Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
- Provide good ventilation in process area to prevent formation of vapour.
- Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Precautions for Storage:

- Store away from strong bases and strong acids.
- Store in a well-ventilated place. Keep cool.
- Keep only in the original container.
- Keep container closed when not in use.
- Keep away from sources of ignition and direct sunlight.

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

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³

No ingredients 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 (WES-STEL). 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

Ensure good ventilation of the work station.

Personal Protection Equipment



Eyes	Safety glasses. Chemical goggles or safety glasses.
Hands	Wear protective gloves.
Skin	Protective clothing.
Respiratory	In case of insufficient ventilation, wear suitable respiratory equipment. Wear appropriate mask.

Section 9. Physical and Chemical Properties

Appearance	Liquid
Colour	Green
Odour	Characteristic
Odour Threshold	Not available
pH @23°C	Not available
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	Not available
Flammability	Not flammable
Upper and Lower Explosive Limits	Not available
Vapour Pressure (kPa)	Not available
Vapour Density	Not available
Relative Density	>1
Solubility	Not available
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Octanol/Water Partition Coefficient	Not available

Section 10. Stability and Reactivity

Stability of Substance	The product is chemically stable under standard ambient conditions (room temperature).
Possibility of hazardous reactions	None known.
Conditions to Avoid	Direct sunlight. Extremely high or low temperatures.
Incompatible Materials	Strong acids. Strong bases.
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced. fume. Carbon monoxide. Carbon dioxide.

Section 11. Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Not applicable.
Skin	Not applicable.

Chronic Effects:

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

Section 12. Ecotoxicological Information

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Product:	
Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Section 13. Disposal Considerations**Disposal Method:**

Triple rinse container and dispose in accordance with Local Regulations.

Precautions or 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 (Safety Data Sheets) Notice 2017 Part B Clause 9.

Glossary

EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	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.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

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Please contact Agrisource (2000) Ltd, if further information is required.

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