

SAFETY DATA SHEET

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

Section 1. Identification of the material and the supplier

Product: **BackRow Max**
Product Use: Agricultural Adjuvant
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: 21 April 2022

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 Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Alcohols, C12-15-Branched and Linear, Ethoxylated	0.1 – 9.9	106232-83-1
Non-hazardous	To balance	-

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. If eye irritation persists: Get medical advice/attention.

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: Call a poison center or a doctor if you feel unwell. Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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: Non notified. Follow standard First aid measures for chemical exposure.

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 a 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 firefighting water from entering the environment.
HAZCHEM CODE	None Allocated

Section 6. Accidental Release Measures

Wear protective gear as detailed in Section 8. Ventilate spillage area. Avoid contact with skin and eyes. Evacuate unnecessary personnel.

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Take up liquid spill into absorbent material. 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 in compliance with local and/or national regulations in Section 13.

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

- Ensure good ventilation of the work station.
- Avoid contact with skin and eyes.
- 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.
- Wash hands, forearms and face thoroughly after handling.

Precautions for Storage:

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

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 (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 NOV 2020 12TH EDITION.

Engineering Controls

Ensure good ventilation of the work station.

Personal Protection Equipment



Eyes	Chemical goggles or safety glasses.
Hands	Wear protective gloves.
Skin	Wear suitable protective clothing.
Respiratory	In case of insufficient ventilation, wear suitable respiratory equipment.
General	Do not eat, drink or smoke during use.

Section 9 Physical and Chemical Properties

Appearance	Liquid
Colour	Pale straw
Odour	Characteristic
Odour Threshold	Not available
pH	Approx 7
Boiling Point	>35°C
Melting Point	Not available
Freezing Point	Not available
Flash Point	>93°C
Flammability	Not flammable
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Density	0.99
Specific Gravity	Not available
Water Solubility	Not available
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Particle Characteristics	Not available

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reactions known under normal conditions of use.
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.

Individual component information:**Acute Toxicity:**

Chemical Name	Oral – LD50	Dermal – LD50	Inhalation – LC50
Alcohols, C12-15-Branched And Linear, Ethoxylated (106232-83-1)	>2000 mg/kg (rat)	>2000mg/kg (Rat)	-

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	Alcohols, C12-15-Branched And Linear, Ethoxylated (106232-83-1): May cause long-term adverse effects in the environment.
Bioaccumulation	No data available
Mobility in Soil	No data available
Other information	Avoid release to the environment.

Individual component information:**Alcohols, C12-15-Branched And Linear, Ethoxylated (106232-83-1)**

Route	Value LC50/EC50
Fish	0.1 - 1 mg/L
Crustacean	0.1 – 1 mg/l OECD Test Guideline 211
Algal	0.1 – 1 mg/l

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

Dispose of contents/container in accordance with licensed collector's sorting instructions.

Precautions or methods to avoid: Avoid release to the environment.

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.

Glossary

Cat	Category		
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 Nov 2020 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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