



SAFETY DATA SHEET

ZEBA XL Soil conditioner

Date of Issue: 21 Sept 2022

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Chemical name of active ingredient(s): Starch-g-Poly
Recommended use: Soil Conditioner

Supplier: UPL New Zealand Limited
PO Box 51584, Pakuranga
Auckland
Phone 0800 100 325
www.upl-ltd.com/nz

Emergency telephone number: 0800 CHEM CALL (0800 243 622) 24 Hours

2. HAZARDS IDENTIFICATION

Hazard Classification: Non-Hazardous
Required identification Details:

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation Information on hazardous ingredients

Common name	CAS No	%
Mixture		
This mixture does not contain any substances that need to be identified here		

4. FIRST-AID MEASURES

General information: If you feel unwell, seek medical advice (show the label where possible).
Not expected to present a significant hazard under anticipated conditions of normal use.

First-aid measures

Inhalation: Allow affected person to breathe fresh air. Call a POISON CENTER/doctor if you feel unwell.

Ingestion: Rinse mouth. Never give anything by mouth to an unconscious person. Do not induce vomiting unless told by physician. If vomiting occurs ensure patient can breathe. If signs/symptoms continue, get medical attention.

Skin contact: Rinse with plenty of water. If symptoms persist, call a physician.

Eye contact: Give nothing to drink. Give nothing to eat. If the person is fully conscious, try to induce vomiting. If symptoms persist call a doctor.

Notes to a physician:

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

HAZCHEM Code:	2Z
Type of Hazard:	
Extinguishing media:	Carbon dioxide. Water spray. Foam. DO NOT use a heavy water stream.
Hazardous thermal (de)composition products:	Carbon dioxide. Carbon monoxide. Various hydrocarbon fragments.
Firefighting instructions:	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering the environment.
Protection of fire-fighters:	Do not enter fire area without proper protective equipment, including respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid contact with skin and eyes.
Environmental precautions:	Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.
Methods for cleaning up:	Evacuate unnecessary personnel. Ventilate area. Equip clean-up crew with proper protection. On land, sweep or shovel into suitable containers. Minimise generation of dust. Store away from other materials. See Heading 8. Exposure controls and personal protection.

7. HANDLING AND STORAGE

Handling:	Avoid contact with eyes. Avoid contact with skin. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
Storage:	Protect from moisture. Keep only in the original container in a cool, well-ventilated place away from : Keep container closed when not in use. <u>Incompatible materials:</u> Sources of ignition. Direct sunlight.
Packaging materials:	

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace Exposure Guidelines

Exposure Standards: No additional information available

Engineering measures

Exposure control measures: No additional information available

Environmental exposure controls:

Personal Protective Equipment

Detail specifications for equipment:

Respiratory system:

Skin and body:

Hands:

Eyes:

Avoid all unnecessary exposure.

Wear appropriate mask

Wear suitable protective clothing

Wear protective gloves. Chemical resistant gloves. Nitrile-rubber protective gloves.

Chemical goggles or safety glasses. Safety glasses

General hygiene:

Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Colour, Odour.	Light brown granular solid. Characteristic odour.
pH:	7 – 7.5 (CIPAC MT 75.3)
Particle size	8 - 16 Mesh
Vapour Pressure:	Not available
Flammability:	Not highly flammable.
Flash Point:	Not applicable
melting point:	> 430 °C (OECD 102)
Solubility:	Insoluble in organic solvents. insoluble in water.
Bulk Density:	0.6 kg/l CIPAC MT 186
Autoignition:	
Information for flammable material:	Not applicable
Minimum Ignition temperature test:	Not applicable
Minimum Ignition energy (MEI):	Not applicable
Decomposition temperature:	
Partition coefficient: n-octanol/water:	
Viscosity, kinematics:	Not applicable
Explosive Properties:	Not explosive
Oxidation Properties:	Non oxidizing.

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under recommended storage conditions.
Conditions to avoid:	Direct sunlight. Extremely high or low temperatures. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Materials to avoid:	Strong acids. Strong bases.
Hazardous Decomposition Products:	No data available.
Possibility of hazardous reaction:	None under normal conditions

11. TOXICOLOGICAL INFORMATION

Acute toxicity – Oral:	Not classified. LD ₅₀ /Oral (rat) = >2000 mg/kg
Acute toxicity - Dermal:	Not classified. LD ₅₀ /Dermal (rat) = >2000 mg/kg
Acute toxicity – Inhalation:	Not classified
Skin irritation:	Not classified. No skin irritation rabbit
Eye irritation:	Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitization:	Not classified
Other:	Does not cause cutaneous sensitization for guinea-pigs
Chronic toxicity	
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified

12. ECOLOGICAL INFORMATION

Risk to Aquatic Environment	Not classified
Birds:	LC ₅₀ > 2000 Birds, JAPANESE QUAIL, <i>Coturnix japonica</i>
NOEC mortality and repro earthworm:	> 1000 mg/kg (Dry soil - <i>Eisenia fetida</i> - OECD 222)
NOEC repro:	> 1000 mg/kg (Collembola -OECD 232)

Bioaccumulative Potential:	Not applicable.
Persistence and Degradability:	Under controlled conditions. DT 90: 45.1 months.
Mobility:	No data available.

13. DISPOSAL CONSIDERATIONS

Methods of disposal:	Ideally, the product should be used for its intended purpose. Avoid release to the environment.
Empty container precautions:	Dispose in a safe manner in accordance with local regulations.

14. TRANSPORT INFORMATION - International transport regulations

UN number:	Not regulated. Not regulated
Class or Division:	Not regulated
Subsidiary Class:	
Hazchem	Not regulated
Packing Group:	Not regulated
Marine Pollutant:	
Proper shipping name:	N/A

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):	Not regulated
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15. REGULATORY INFORMATION

ACVM Registered Number:	Exempt
HSNO Approval Code:	Non-hazardous

16. OTHER INFORMATION

Additional information:	Original Issue Date: Revision Date: 21 September 2022 Replaces:
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Disclaimer EXCLUSION OF LIABILITY: PLEASE READ

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