

BIO ENERGY SOLUTIONS

REZONE™ BIOSTIMULANT



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER	
STATEMENT OF HAZARDOUS NATURE: Not classified as hazardous according to criteria of the National Occupational Health and Safety Commission (NOHSC) Not classed as a dangerous good under the Dangerous Goods Act	
SUPPLIER NAME: Bio Energy Junction 1 LLC	Manufacturer Address: 600 Half Moon Road, Columbia Falls, MT 59912
TELEPHONE: 1 406 892 1332	EMERGENCY:
FAX: 1 406 892 1322	WEBSITE: www.bioenergy-solutions.com
PRODUCT NAME: reZONE™	TRADE NAMES: ALGAL DIGESTATE – NON LIVING
PRODUCT DESCRIPTION: Organic biostimulant (fertilizer) derived from anaerobic digestions of algae.	
RECOMMENDED USE: Soil enhancement and bio stimulation microbial activity, root development, increase yield	

2. COMPOSITION / INFORMATION ON INGREDIENTS		
Constituent:		Proportion:
Microalgae Digestate and Pyroligneous acid		97:3

3. FIRST AID MEASURES	
Eye Contact	Flush eyes with copious amounts of water for at least 15 minutes. Seek medical attention.
Inhalation	No hazardous; may cause minor irritation
Skin Contact	Wash contacted area with soap and water.
Ingestion	No hazardous; may cause minor nausea and indigestion.

4. FIRE FIGHTING MEASURES	
Explosion Hazards	NA
Fire Hazards	Not classified as a dangerous good.
Flash Point	No flash point observed.
Fire Fighting Measures	Use water spray or fog, foam, dry chemical, or carbon dioxide.

5. ACCIDENTAL RELEASE MEASURES	
Occupational Release	All natural / organic; rinse with water or allow adsorption. No special disposal measures required.

6. STORAGE AND HANDLING	
Storage	Keep containers tightly closed, prevent for exposure to extreme heat (above 45 degrees C or cold below -15 degrees C) Keep out of reach of children.
Handling	Basic in nature; may cause slick, rinse hands and surface to prevent slips and falls.

7. EXPOSURE CONTROLS / PERSONAL PROTECTION	
National Exposure Standard	n/a
Engineering Controls	n/a
PPE	Safety glasses

8. PHYSICAL AND CHEMICAL PROPERTIES

Colour	Grey	Solubility	Soluble in water
Physical Description	Liquid with suspended solids	Boiling point	Approx. 102 deg C
Odour	Musty / Smokey	Specific Gravity	1.03
pH	5.8-6.2	Flashpoint	n/a

9. STABILITY AND REACTIVITY

Chemical Stability:	Stable under recommended conditions for use and storage.
Incompatible Materials:	n/a

10. TOXICOLOGICAL INFORMATION

Toxicological Info	Small amounts (20-30 cc) swallowed accidentally are not likely to cause bad effects; large quantities might cause gastrointestinal symptoms
Health Hazard	Mild eye irritation may occur in some sensitive individuals, no irritation to skin or from inhalation
Carcinogenicity	Not classified under OHSC.

11. ECOLOGICAL INFORMATION

Acute Toxicity on Green Algae (72 hours)	100% survival
Acute Toxicity on <i>Daphnia magna</i> (48 hours)	100% survival
Acute Toxicity on Zebrafish (96 hours)	100% survival
Biodegradability	100% Biodegradable
Bioaccumulation	N/A
Acute Toxicity on Green Algae (72 hours)	100% survival

12. DISPOSAL CONSIDERATIONS

Waste Disposal	No special disposal requirements. Dispose of product according to relevant local, provincial, and federal government regulations.
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13. TRANSPORT INFORMATION

Not classified as a dangerous good according to the Transportation of Dangerous Goods Act.

14. REGULATORY INFORMATION

OHSC Status	No specific requirement according to the Occupational Health and Safety Commission (OHSC)
CFIA Registration No.	2020139A
OMRI Product	aaq-10228
DSL / CAS Status	CAS 8030-97-5