Material Safety Data Sheet Product Name: ECOACTIVA[™]- Growth Enhancer Plant Nutrient

Signal Word		Chemical Name		Chemical Class		Product Origin	
NONE		PLANT NUTRIENT	LIQUID PL	ANT NUTRIEN	T INI	AIC	
Manufacturer and Distrib							
ECOSTADT TECHNOLOGIES LLC.			CHEMTREC®				
1024 IRON POINT ROAD, SUITE 100-1318 FOLSOM, CA 95630, USA		-800-424-9300 / 1-703-527-3887					
PHONE: (916)-357-6607 F.							
2. Product Ingredients							
Chemical Components	Percent Range	CAS Numbers	OSHA-PEL	ACGIH-TLV	NTP/IARC/OSHA CARCINOGEN	<u>othe</u>	
PLANT NUTRIENT	100%	N/A	N/A	N/A	N/A	N/A	
OTHERS	0%		N/A	N/A	N/A	N/A	
3. Hazards Identification			7. Handlin	g and Storage			
Emergency Overview:					ng: Do not contamina	te water, fo	
Physical Properties				storage or dispo			
Appearance: Dark Liquid			Storage	Store in cool, c	dry place.		
Odor : StrongOrganic od			8. Exposu	re Controls/Per	sonal Protection		
Hazardous Decomposit			Ventilation	Requirements:			
Unuquel Eire Explanier							
Unusual Fire, Explosion	n, and Reactivity Haz	zaros: None	Ŧ	-			
Potential Health Effects		zaros : None	Normal	ventilation is rec	ommended.		
Potential Health Effects Acute Effects: Not know	/n	zaros : None	Normal Personal F	ventilation is record	ommended. oment:		
Potential Health Effects	n posure: Not Known	zaros : None	Normal Personal F Regular	ventilation is reco Protective Equip fertilizer handlin	ommended. oment: Ig care required.		
Potential Health Effects Acute Effects: Not know Symptoms of Acute Ex Chronic Effects: Not Kn	/n posure: Not Known own		Normal Personal F Regular Manufactu	ventilation is reco Protective Equip fertilizer handlin ring and Packa	ommended. oment: Ig care required. ging Employees:		
Potential Health Effects Acute Effects: Not know Symptoms of Acute Exp	/n posure: Not Known own of the componentsis li		Vormal Personal F Regular Manufactu Eye/Fac	ventilation is reco Protective Equip fertilizer handlin ring and Package ce: Routine indust	ommended. oment: Ig care required. ging Employees: strial production cares		
Potential Health Effects Acute Effects: Not know Symptoms of Acute Exp Chronic Effects: Not Kn Carcinogenicity: None of NTP, OSHA, or ACGIH a	/n posure: Not Known own of the componentsis li		Normal Personal F Regular Manufactu Eye/Fac Skin Pr	ventilation is reco Protective Equip fertilizer handlin ring and Packag ce: Routine indus otection: Use ha	ommended. oment: Ig care required. ging Employees: strial production cares and gloves.		
Potential Health Effects Acute Effects: Not know Symptoms of Acute Ex Chronic Effects: Not Kn Carcinogenicity: None of NTP, OSHA, or ACGIH a 4. First Aid Measures Primary Routes of Expos	n posure: Not Known own of the componentsis lis is a carcinogen. ure:Inhalation, Inges	sted by IARC,	Normal Personal F Regular Manufactu Eye/Fac Skin Pr Respira Additio	ventilation is reco Protective Equip fertilizer handlin ring and Packag ce: Routine indus otection: Use ha story Protection nal Information	ommended. oment: Ig care required. ging Employees: strial production cares and gloves. I: Normal ventilation is I: Wash hands before	recommer	
Potential Health Effects Acute Effects: Not know Symptoms of Acute Exp Chronic Effects: Not Kn Carcinogenicity: None of NTP, OSHA, or ACGIH a 4. First Aid Measures Primary Routes of Expos Sign and Symptoms of Exp	n posure: Not Known own of the componentsis li is a carcinogen. ure:Inhalation, Inges xposure:	sted by IARC,	Normal Personal F Regular Manufactu Eye/Fac Skin Pr Respira Additio chewing	ventilation is reco Protective Equip fertilizer handlin ring and Packag ce: Routine indus otection: Use ha notection: Use ha notory Protection nal Information gum and using	ommended. oment: g care required. ging Employees: strial production cares and gloves. : Normal ventilation is : Wash hands before tobacco products.	recommer e eating, dr	
Potential Health Effects Acute Effects: Not know Symptoms of Acute Exp Chronic Effects: Not Kn Carcinogenicity: None of NTP, OSHA, or ACGIH a 4. First Aid Measures Primary Routes of Expos Sign and Symptoms of Exp Inhalation May give Stro	n posure: Not Known own of the componentsis li is a carcinogen. ure:Inhalation, Inges xposure: mgodor	sted by IARC,	Normal Personal F Regular Manufactu Eye/Fac Skin Pr Respira Additio chewing Applicator	ventilation is reco Protective Equip fertilizer handlin ring and Packag ce: Routine indus otection: Use ha notory Protection nal Information gum and using s and Handlers	ommended. oment: Ig care required. ging Employees: strial production cares and gloves. I: Normal ventilation is I: Wash hands before	recommer e eating, dr	
Potential Health Effects Acute Effects: Not know Symptoms of Acute Exp Chronic Effects: Not Kn Carcinogenicity: None of NTP, OSHA, or ACGIH a 4. First Aid Measures Primary Routes of Expos Sign and Symptoms of Exp Inhalation May give Stro Ingestion: May taste bitt	n posure: Not Known own of the componentsis li- is a carcinogen. ure:Inhalation, Inges xposure: mgodor er and pungent.	sted by IARC,	Normal Personal F Regular Manufactu Eye/Fac Skin Pr Respira Additio chewing Applicator procedures	ventilation is reco Protective Equip fertilizer handlin ring and Packag ce: Routine indus otection: Use ha itory Protection nal Information gum and using s and Handlers to be followed.	ommended. oment: Ig care required. ging Employees: strial production cares and gloves. Normal ventilation is Wash hands before tobacco products. Regular fertilizer app	recommer e eating, dr	
Potential Health Effects Acute Effects: Not know Symptoms of Acute Exp Chronic Effects: Not Kn Carcinogenicity: None of NTP, OSHA, or ACGIH a 4. First Aid Measures Primary Routes of Expos Sign and Symptoms of Exp Inhalation May give Stro Ingestion: May taste bitt Emergency First Aid Proc	n posure: Not Known own of the componentsis li- is a carcinogen. ure:Inhalation, Inges xposure: mgodor er and pungent. cedure :	sted by IARC,	Normal Personal F Regular Manufactu Eye/Fac Skin Pr Respira Additio chewing Applicator procedures	ventilation is reco Protective Equip fertilizer handlin ring and Packag ce: Routine indus otection: Use ha notory Protection nal Information gum and using s and Handlers	ommended. oment: Ig care required. ging Employees: strial production cares and gloves. Normal ventilation is Wash hands before tobacco products. Regular fertilizer app	recommer e eating, dr	
Potential Health Effects Acute Effects: Not know Symptoms of Acute Exp Chronic Effects: Not Kn Carcinogenicity: None of NTP, OSHA, or ACGIH a 4. First Aid Measures Primary Routes of Expos Sign and Symptoms of Exp Inhalation May give Stro Ingestion: May taste bitt	n posure: Not Known own of the componentsis li- is a carcinogen. ure:Inhalation, Inges xposure: ingodor er and pungent. cedure : essive, move to fresh	sted by IARC, stion	Normal Personal F Regular Manufactu Eye/Fac Skin Pr Respira Additio chewing Applicator procedures	ventilation is reco Protective Equip fertilizer handlin ring and Packag ce: Routine indus otection: Use ha notection: U	ommended. oment: Ig care required. ging Employees: strial production cares and gloves. Normal ventilation is Wash hands before tobacco products. Regular fertilizer app	e recommer e eating, dr lication	
Potential Health Effects Acute Effects: Not know Symptoms of Acute Exp Chronic Effects: Not Kn Carcinogenicity: None of NTP, OSHA, or ACGIH a 4. First Aid Measures Primary Routes of Expos Sign and Symptoms of Exp Inhalation May give Stro Ingestion: May taste bitt Emergency First Aid Proc If Inhaled: If inhaled exce If Ingested:Give more wa	n posure: Not Known own of the componentsis li- is a carcinogen. ure:Inhalation, Inges xposure: mgodor er and pungent. cedure : essive, move to fresh ater to dilute. Call a P	sted by IARC, stion air. hysician.	Normal Personal F Regular Manufactu Eye/Fac Skin Pr Respira Additio chewing Applicator procedures 9. Physica	ventilation is reco Protective Equip fertilizer handlin ring and Packag ce: Routine indus otection: Use ha notection: U	ommended. oment: Ig care required. ging Employees: strial production cares and gloves. Normal ventilation is Wash hands before tobacco products. Regular fertilizer app Properties	e recommer e eating, dr lication	
Potential Health Effects Acute Effects: Not know Symptoms of Acute Exp Chronic Effects: Not Kn Carcinogenicity: None of NTP, OSHA, or ACGIH a 4. First Aid Measures Primary Routes of Expos Sign and Symptoms of Exp Inhalation May give Stro Ingestion: May taste bitt Emergency First Aid Proc If Inhaled: If inhaled exc If Ingested:Give more wa 5. Fire Fighting Measures	n posure: Not Known own of the componentsis li- is a carcinogen. ure:Inhalation, Inges xposure: ingodor er and pungent. cedure : essive, move to fresh ater to dilute. Call a P s and Explosion Haz	sted by IARC, stion air. hysician.	Normal Personal F Regular Manufactu Eye/Fac Skin Pr Respira Additio chewing Applicator procedures 9. Physica	ventilation is reco Protective Equip fertilizer handlin ring and Package ee: Routine indus otection: Use ha story Protection nal Information gum and using s and Handlers: to be followed.	ommended. oment: Ig care required. ging Employees: strial production cares and gloves. Normal ventilation is Wash hands before tobacco products. Regular fertilizer app Properties Dark viscous L	e eating, dr	
Potential Health Effects Acute Effects: Not know Symptoms of Acute Exp Chronic Effects: Not Kn Carcinogenicity: None of NTP, OSHA, or ACGIH a 4. First Aid Measures Primary Routes of Expos Sign and Symptoms of Exp Inhalation May give Stro Ingestion: May taste bitt Emergency First Aid Proof If Inhaled: If inhaled exce If Ingested:Give more wa 5. Fire Fighting Measures Flash Point: Non flammab Auto ignition Temperatur	n posure: Not Known own of the componentsis li- is a carcinogen. ure:Inhalation, Inges xposure: mgodor er and pungent. cedure : essive, move to fresh ater to dilute. Call a P s and Explosion Haz le e: Not established	sted by IARC, stion air. hysician.	Normal Personal F Regular Manufactu Eye/Fac Skin Pr Respira Additio chewing Applicator procedures 9. Physica Specific Dispers	ventilation is reco Protective Equip fertilizer handlin ring and Package ee: Routine indus otection: Use ha atory Protection nal Information gum and using s and Handlers: to be followed. I and Chemical ance c Gravity	ommended. oment: Ig care required. ging Employees: strial production cares and gloves. Normal ventilation is Wash hands before tobacco products. Regular fertilizer app Properties Dark viscous L 1.2-1.3 Soluble in wate	eating, dr eating, dr lication iquid	
Potential Health Effects Acute Effects: Not know Symptoms of Acute Exp Chronic Effects: Not Kn Carcinogenicity: None of NTP, OSHA, or ACGIH a 4. First Aid Measures Primary Routes of Expos Sign and Symptoms of Exp Inhalation May give Stro Ingestion: May taste bitt Emergency First Aid Proc If Inhaled: If inhaled exc If Ingested:Give more wa 5. Fire Fighting Measures Flash Point: Non flammab Auto ignition Temperatur Fire Extinguishing Media	n posure: Not Known own of the componentsis li- is a carcinogen. ure:Inhalation, Inges xposure: ingodor er and pungent. cedure : essive, move to fresh ater to dilute. Call a P s and Explosion Haz le re: Not established : Not established	sted by IARC, stion air. hysician. ard Data	Normal Personal F Regular Manufactu Eye/Fac Skin Pr Respira Additio chewing Applicator procedures 9. Physica Specific Dispers pH	ventilation is reco Protective Equip fertilizer handlin ring and Package ee: Routine indus otection: Use ha atory Protection nal Information gum and using s and Handlers: to be followed. I and Chemical ance c Gravity	ommended. oment: Ig care required. ging Employees: strial production cares and gloves. Normal ventilation is Wash hands before tobacco products. Regular fertilizer app Properties Dark viscous L 1.2-1.3 Soluble in wate 4.5-5.0 @ 20 %	eating, dr eating, dr lication iquid r	
Potential Health Effects Acute Effects: Not know Symptoms of Acute Exp Chronic Effects: Not Kn Carcinogenicity: None of NTP, OSHA, or ACGIH at 4. First Aid Measures Primary Routes of Expos Sign and Symptoms of Exp Inhalation May give Stro Ingestion: May taste bitt Emergency First Aid Proc If Inhaled: If inhaled exc If Ingested:Give more was 5. Fire Fighting Measures Flash Point: Non flammab Auto ignition Temperatur Fire Extinguishing Media Special Fire Fighting Proc	n posure: Not Known own of the componentsis li- is a carcinogen. ure:Inhalation, Inges xposure: ingodor er and pungent. cedure : essive, move to fresh ater to dilute. Call a P s and Explosion Haz le re: Not established : Not established	sted by IARC, stion air. hysician. ard Data	Normal Personal F Regular Manufactu Eye/Fac Skin Pr Respira Additio chewing Applicator procedures 9. Physica Specific Dispers	ventilation is reco Protective Equip fertilizer handlin ring and Package ee: Routine indus otection: Use ha atory Protection nal Information gum and using s and Handlers: to be followed. I and Chemical ance c Gravity	ommended. oment: Ig care required. ging Employees: strial production cares and gloves. Normal ventilation is Wash hands before tobacco products. Regular fertilizer app Properties Dark viscous L 1.2-1.3 Soluble in wate	eating, dr eating, dr lication iquid r	
Potential Health Effects Acute Effects: Not know Symptoms of Acute Exp Chronic Effects: Not Kn Carcinogenicity: None of NTP, OSHA, or ACGIH a 4. First Aid Measures Primary Routes of Expos Sign and Symptoms of Exp Inhalation May give Stro Ingestion: May taste bitt Emergency First Aid Proo If Inhaled: If inhaled exce If Ingested:Give more wa 5. Fire Fighting Measures Flash Point: Non flammab	n posure: Not Known own of the componentsis li- is a carcinogen. ure:Inhalation, Inges xposure: ingodor er and pungent. cedure : essive, move to fresh ater to dilute. Call a P s and Explosion Haz le re: Not established : Not established	sted by IARC, stion air. hysician. ard Data	Normal Personal F Regular Manufactu Eye/Fac Skin Pr Respira Additio chewing Applicator procedures 9. Physica Specific Dispers pH	ventilation is reco Protective Equip fertilizer handlin ring and Package e: Routine indus otection: Use ha itory Protection nal Information gum and using s and Handlers to be followed. I and Chemical ance c Gravity sion in Water	ommended. oment: Ig care required. ging Employees: strial production cares and gloves. Normal ventilation is Wash hands before tobacco products. Regular fertilizer app Properties Dark viscous L 1.2-1.3 Soluble in wate 4.5-5.0 @ 20 %	eating, dr eating, dr lication iquid r	
Potential Health Effects Acute Effects: Not know Symptoms of Acute Exp Chronic Effects: Not Kn Carcinogenicity: None of NTP, OSHA, or ACGIH at 4. First Aid Measures Primary Routes of Expos Sign and Symptoms of Exp Inhalation May give Stro Ingestion: May taste bitt Emergency First Aid Proc If Inhaled: If inhaled exc If Ingested:Give more was 5. Fire Fighting Measures Flash Point: Non flammab Auto ignition Temperatur Fire Extinguishing Media Special Fire Fighting Proc	n posure: Not Known of the componentsis li- is a carcinogen. ure:Inhalation, Inges xposure: mgodor er and pungent. cedure : essive, move to fresh ater to dilute. Call a P s and Explosion Haz le re: Not established : Not established cedures:Follow regula	sted by IARC, stion air. hysician. ard Data	Normal Personal F Regular Manufactu Eye/Fac Skin Pr Respira Additio chewing Applicator procedures 9. Physica 9. Physica Dispers pH Odor	ventilation is reco Protective Equip fertilizer handlin ring and Package ee: Routine indus otection: Use ha itory Protection nal Information gum and using s and Handlers: to be followed. I and Chemical ance c Gravity sion in Water	ommended. oment: Ig care required. ging Employees: strial production cares and gloves. Normal ventilation is Wash hands before tobacco products. Regular fertilizer app Properties Dark viscous L 1.2-1.3 Soluble in wate 4.5-5.0 @ 20 % Strong organic	eating, dr eating, dr lication iquid r	

Vapor pressure : Unknown