Material Safety Data Sheet Product Name: ECOWORKS™EC- BOTANICAL INSECTICIDE, MITICIDE, NEMATICIDE & FUNGICIDE

1. Chemical, Product and (
ECOWORKS [™] EC Botanical In	secticide, Miticide, I	Nematicide and Fungicid	e- End use form	ulation			
EPA Signal Word	[Chemical Name	Chen	nical Class	EPA Registratio	on Number	
CAUTION		NEEM OIL	NEEM	BIOLOGICAL	89152		
Formulator:			Emergency Telephone Numbers:				
ECOSTADT TECHNOLOGIES LLC			National Pesticide Information Center (NPIC)				
1024 Iron Point Road, Suite 100-1318			1-800-858-7358 – 6.30 am to 4.30 pm Pacific Time				
Folsom, CA 95630		1-800-222-1222 – During Other Times					
Phone: (916) 357-6607			CHEMTREC	C [®]			
Fax : (916) 357-6501			1-800-4	124-9300 / 1-703	-527-3887		
2. Ingredients							
Chemical Component	Percent Range	CAS Numbers	OSHA-PEL	ACGIH-TLV	NTP/IARC/OSHA	<u>OTHER</u>	
NEEM OIL (COLD PRESSED)	70%	8002-65-1	N/A	N/A	N/A	N/A	
Other Ingredients	30%		N/A	N/A	N/A	N/A	
3. Hazards Identification	3. Hazards Identification 5. Fire Fighting Measures and Explosion Hazard Data						
Emergency Overview:			-	-	-		
Physical Properties				Flash Point: >216.5 °F (102.5 °C) Upper & Lower Flammable Limits: Unknown			
Appearance: Brownish green Liquid			••	Auto ignition Temperature: Not established			
Odor: Garlic odor			-	Fire Extinguishing Media: CO ₂ , Dry Chemical, Foam			
Hazardous Decomposition Products: Unknown				Special Fire Fighting Procedures: Evacuate personnel to a			
Unusual Fire, Explosion, and Reactivity Hazards: Unknown			safe area.	safe area. Wear positive-pressure breathing apparatus and full			
Aquatic Toxicity: Toxic to	fish			protective clothing. Fight fire from maximum distance. Stay up-			
Potential Health Effects				wind and out of low areas.			
Acute Effects: Non- irritant to skin & eye, Non-sensitizer			6. Accidenta	6. Accidental Release Measures			
Symptoms of Acute Exposure: None Steps to be Taken if Material is Released or Spilled					d		
Chronic Effects: Unknown				General: Consult an expert on the disposal of recovered			
Carcinogenicity: None of the components in this material is listed b IARC, NTP, OSHA, (or) ACGIH as a carcinogen.			requireme	material. Ensure disposal is in compliance with government requirements and ensure conformity of local disposal			
US-GHS Classification: Based on Acute Oral, Acute Dermal, De & Eye Irritation studies, the product is not classifiable.			Take all additional action necessary to prevent and remedy the				
4. First Aid Measures	4. First Aid Measures			adverse effects of the spill. Specific: Evacuate personnel, thoroughly ventilate area, and			
Primary Routes of Exposur	e:			use self contained breathing apparatus and protective clothing.			
Inhalation, Ingestion, Ski	Dike spill.	Dike spill. Absorb spilled material with Dri-Rite, sawdust, sand, or other adsorbent material, taking care not to generate dust. Collect clean-up material into drums, cover, and label for disposal according to local regulations. Scrub contaminated					
Sign and Symptoms of Exp							
Inhalation: May be irritatin							
exposure may result in dro			area with	area with detergent and water. Prevent liquid from entering			
Ingestion: May cause drowsiness.				sewers, waterways, or low areas. Product is not regulated			
Skin Contact: No irritation.			under RCF	under RCRA or CERCLA.			
Emergency First Aid Proce	dure:		7. Handling a	and Storage			
If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible. Get medical attention. If Ingested: Induce vomiting by gastric lavage. Call a physician.			 Precautions in Handling: Do not contaminate water, food, or feed by storage or disposal. Wash hands before eating, drinking, chewing gum, using tobacco products, or using the toilet. Remove clothing immediately if pesticide gets inside and then wash thoroughly and put on clean clothes. Storage: Store in cool, dry place. Keep in tightly closed and crisical contained and then wash thoroughly and put on clean clothes. 				
If on Skin: Take off contaminated clothing. Wash skin with plet of soap and water. Call a physician for medical advice.							
If in Eyes: Hold eye open and rinse slowly & gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes and then continue rinsing eyes with excessive water. Cal a physician for medical advice.			below 320 place and	original containers. Do not store this product above 105 °F or below 320F for extend periods of time. Best to keep in cool dry place and to avoid direct sunlight. Do not re-fill or re-use containers. Dispose of containers in an approved waste facility.			

8. Exposure Controls/Per	sonal Protection	13. Disposal Considerations			
Ventilation Requirements: Thorough ventilation is spillage. Personal Protective Equip	recommended in case of accidental	Do not contaminate water, food, or feed by storage or disposal. Dispose of containers in an approved disposal facility – refer to product labeling. Open dumping is prohibited. Do not re-fill (or) re-use containers. Ensure			
Nonirritant to skin and e	yes. Avoid breathing vapor. Prolonged or contact may cause allergic reactions in	compliance with Local, State, and Federal regulations. Do not flush to surface water or sanitary sewer systems.			
some individuals. Avoid	contact with skin, eyes, or clothing. Wash	14. Transportation Information			
thoroughly with soap contaminated clothing be	and water after handling. Wash efore reuse.	IMCO Class /DOT Classification: Not regulated			
Manufacturing and Packag	ging Employees:	IMDG/IMO: Not regulated			
Eye/Face: Wear chemic	al safety goggles	IATA: Not regulated TDG: Not regulated			
Skin Protection: Wear	protective gloves	Special Instructions: No special instruction on handling			
Respiratory Protection case of accidental spillage	: Thorough ventilation is recommended in ge	Flammability: Non-flammable			
chewing gum, using toba	: Wash hands before eating, drinking, acco products, or using the toilet. Remove pesticide gets inside and then wash	UN Number: Not classified as Dangerous cargo and Not available15. Regulatory Information			
thoroughly and put on cle					
Applicators and Handlers:	Must wear long-sleeved shirt and long	SARA Title III Classifications			
pants, waterproof gloves	s, and shoes plus socks.	Section 302/304: Not applicable Section 311/312: Not applicable			
9. Physical and Chemical	Properties	Section 311/312: Not applicable Section 313 Chemical(s): Not applicable			
Appearance:	Brownish green liquid	Proposition 65			
Specific Gravity:	0.897 g/cm ³ @ 20 °C	Does not contain any Proposition 65 chemicals.			
Dispersion in Water:	Forms emulsion				
pH:	6.9 @ 25 °C	CERCLA Reportable Quantity (RQ)			
Odor:	Garlic odor	Not applicable			
Viscosity:	19.31 cps at 20 °C	RCRA Classification			
Boiling point:	Unknown	Under RCRA, it is the responsibility of the product user to			
Flash point:	115 °C (Not Flammable)	determine at the time of disposal, whether a material containing			
Vapor pressure:	0.1862 kPa	the product or derived from the product should be classified as a hazardous waste.			
10. Stability and Reactivity	1	TSCA Status			
•	ary conditions of use and storage.	Not Applicable			
	patible with acid, alkaline, and oxidizing	US-GHS Classification			
substances	B	Based on Acute Oral, Acute Dermal, Dermal & Eye Irritation			
Decomposition/ By Pro Hazardous Polymerizat		studies, the product is not classifiable.			
-		16. Other Information			
11. Toxicological Informat	ion	NFPA Hazard Ratings			
Acute Toxicity Studies:		Health: 0 0 Least			
Acute Oral Toxicity:	Rat LD ₅₀ > 5,000 mg/kg	Flammability: 0 1 Slight			
Acute Dermal Toxicity:	00	Reactivity: 0 2 Moderate			
Acute Dermal Irritation		3 High			
Acute Eye Irritation:	Rabbit – Non-Irritant	4 Severe			
Skin Sensitization:	Guinea Pig – Non-sensitizer				
Acute Inhalation:	Rats >2.90mg/L	Prepared by: ECOSTADT TECHNOLOGIES L.L.C. The information contained herein is provided in good faith and is			
12. Ecological Information		believed to be correct as of the date. However, ECOSTADT TECHNOLOGIES L.L.C. makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in deforming its appropriateness for a specific purpose. Accordingly, ECOSTADT TECHNOLOGIES L.L.C. will not be responsible for damage of any kind resulting from the use of or reliance upon such information. ECOWORKS [™] EC is a pending registered trademark of ECOSTADT TECHNOLOGIES L.L.C.			
Acute Fish Toxicity (Raink					
Acute Daphnia Immobiliza	-				
Effect on Birds: Non-Toxic					

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