

1. PRODUCT AND COMPANY IDENTIFICATION**Product name:** ER-22 by EcoRaider® Insect Killer Concentrate**Chemical Class:** Bio-insecticide**A FIFRA 25(b) EXEMPT FROM REGISTRATION STATUS Registrant/Manufacturer:**

Reneotech Inc, DBA EcoRaider

8400 River Rd.

North Bergen, NJ 07047

24/7 EMERGENCY PHONE: INFOTRAC 800-535-5053 Call collect internationally 352-323-3500**24/7 HEALTH EMERGENCIES:** 800-222-1222 National Poison Control Center.**2. HAZARDS IDENTIFICATION****GHS Pictograms:** None.**GHS Label:** None.

The product is a light milky-white liquid with a minty odour. The product can cause eye and skin irritation. Keep out of reach of children.

Physical Hazards:

None.

Health Hazards Statements:

H303, May be harmful if swallowed.

H317, Causes cause an allergic skin reaction.

H320, Causes eye irritation.

Environmental hazards

None.

Code of Precautionary Statements:**General**

P101, Keep out of reach of children.

P103, Read label before use.

Prevention

P234, Keep only in original container.

P264, Wash thoroughly after handling.

P270, Do not eat, drink or smoke when using this product.

P281, Use personal protective equipment as required.

Response

P314, Get medical advice/attention if you feel unwell.

P331, DO NOT induce vomiting.

P340, Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P352, Wash with plenty of soap and water.

Storage

P402, Store in a cool dry place.

ROUTES OF ENTRY: Eye contact, skin adsorption, and ingestion.**CARCINOGENICITY:** The ingredients are not listed in ACGIH, NTP, IARC, or OSHA as carcinogens.**3. COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENTS	CAS #	EINECS #	Percentage
Sodium lauryl sulfate	151-21-3	205-788-4	4.0
Cedar oil	8000-27-9	285-360-9	2.0
Geraniol	106-24-1	203-377-1	2.0
All other ingredients are non-hazardous.	Prop.	Prop.	Balance

4. FIRST AID MEASURES**IF SWALLOWED:** Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.**IF ON SKIN/CLOTHING:** Rinse skin immediately with plenty of water for 15-20 minutes.**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical advice if eyes still feel irritated.**IF INHALED:** Not a problem. Move person to fresh air. If person is not breathing, call 9-1-1 or an ambulance.

Take the container label or product name and with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.**5. FIRE FIGHTING MEASURES****FLASH POINT AND METHOD:** Not combustible **FLAMMABLE LIMITS:** NA.**EXTINGUISHING MEDIA:** Use normal fire protection for surrounding fire.**FIRE FIGHTING PROCEDURES:** Fire fighters wear protective clothing and self-contained breathing apparatus. If water is used to fight fire, control and collect runoff from entering water supplies or the environment.

6. ACCIDENTAL RELEASE MEASURES

ACTION TO TAKE FOR SPILLS/LEAKS: Keep unauthorized personnel away. Wear personal protective equipment as required. Absorb spilled material with a suitable absorbent. Wash hard surfaces with detergent and water, then absorb with suitable absorbent. Collect the spilled material, any contaminated soil, water and absorbent and place in a waste container for proper disposal. Notify applicable government authority if release is reportable or could adversely affect the environment. Dispose of in accordance with label instructions.

7. HANDLING AND STORAGE

PRECAUTIONS IN HANDLING: Avoid contact with eyes and skin. Wash thoroughly after use. If clothing becomes contaminated, wash thoroughly before re-use.

PRECAUTIONS TO BE TAKEN IN STORAGE: Store at room temperature. Keep from freezing (32°F (0°C) and avoid excessive heat.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: Suggest wearing eye protection.

SKIN PROTECTION: Not normally required.

HAND PROTECTION: Not normally required.

RESPIRATORY PROTECTION: Not normally required.

ENGINEERING CONTROLS: Normal room conditions.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Milky-white liquid.

ODOUR: Minty scent.

DENSITY: 1 g/mL at 68 °F (20°C).

SOLUBILITY (Water): Soluble

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

INCOMPATIBILITY WITH OTHER SUBSTANCES: Strong oxidizers.

CONDITIONS TO AVOID: Do not allow to exposed to excessive heat or to freezing temperatures, 32°F (0°C).

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: None

11. TOXICOLOGICAL INFORMATION

Product has low oral and dermal toxicity.

Acute Oral (Rat): >5000 mg/kg.

INGESTION: May cause gastrointestinal tract irritation and irritation to the throat.

SKIN CONTACT: Minimally irritating

EYE CONTACT: Slightly irritating.

INHALATION: Mists and vapours may cause irritation to the respiratory tract.

CHRONIC EFFECTS: None known.

CARCINOGENICITY: The ingredients in this product are not classified as carcinogenic by the ACGIH, IARC, OSHA and the NTP.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL EFFECTS: No known effects

ECOTOXICOLOGICAL INFORMATION: Not determined.

PERSISTENCE AND DEGRADATION: Not known.

13. DISPOSAL CONSIDERATIONS

END USERS MUST DISPOSE OF ANY UNUSED PRODUCT AS PER THE LABEL RECOMMENDATIONS.

PRODUCT DISPOSAL: No special disposal treatment is required. Refer to provincial or municipal regulations for applicable site-specific requirements.

CONTAINER DISPOSAL: Dispose of product containers, waste containers and residues according to label instructions and Provincial requirements.

14. TRANSPORT INFORMATION

US DOT SHIPPING NAME: Not regulated.

IATA SHIPPING NAME: Not regulated.

IMO SHIPPING NAME: Not regulated.

15. REGULATORY INFORMATION

OSHA STATUS: This product is not hazardous under the OSHA criteria.

TSCA STATUS: Sodium lauryl sulfate.

CERCLA REPORTABLE QUANTITY: Not regulated under CERCLA.

CALIFORNIA PROPOSITION 65: Ingredients are not listed.

SARA HAZARD NOTIFICATION/REPORTING

IMMEDIATE Y FIRE N SUDDEN RELEASE OF PRESSURE N DELAYED N REACTIVE N

SARA TITLE III: None.

SECTION 302 EXTREMELY HAZARDOUS: None.

SECTION 311/312 HAZARD CATEGORIES: None.

SECTION 313 TOXIC CHEMICALS: None.

RCRA STATUS: Not regulated under RCRA

RIGHT TO KNOW: Ingredients are listed in FL, MA, NJ and PA.

WHMIS: None required.

16. OTHER INFORMATION

National Fire Protection Association (NFPA)

Hazardous Materials Identification System (HMIS)

NFPA	Rating	HMIS
	0 Least	
1 Health	1 Slight	1 Health
0 Flammability	2 Moderate	0 Flammability
0 Instability	3 High	0 Reactivity
	4 Severe	B PPE

Key to NFPA/HMIS

Health	4 Deadly	3 Extreme Danger	2 Dangerous	1 Not dangerous	0 No hazard
Fire	4 < 163.4°F (< 73°C)	3 < 212°F (< 100°C)	2 > 212°F (> 100°C)	1 392°F (>200°C)	0 Will not burn
Reactivity Instability	4 May detonate	3 Explosive	2 Unstable	1 Normally stable	0 Stable

REASON FOR ISSUE: New GHS Safety Data Sheet replaces 13 December 2013.

APPROVAL DATE: 18 December 2015

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REVIEWED BY: Regulatory Department

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