



Safety Data Sheet

SDS (formerly MSDS)

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufactured by: Green Eagle Technologies
Product name: ATTACK BACK Concentrate
Information contact: (928) 237-1197
Revision: 1-5-2018

SECTION 2: COMPOSITION- INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS Number	PERCENT
Rosemary oil	8000-25-7	1.0 – 10.0
Thyme oil	8007-46-3	0.2 – 4.0
Thiamine	70-16-6	2.0 – 4.0
Citric Acid	77-92-9	1.0 – 4.0
Ascorbic Acid	50-81-7	1.0 – 4.0
Clove oil	8000-34-8	0.2 – 4.0
Cinnamon oil	8015-91-6	0.2 – 4.0
Corn Oil	800130-7	12.0 – 22.0
Glycerin	56-81-5	2.0 – 20.0
Polyglycerol oleate	71012-10-7	1.0 – 4.0
Water	7732-18-5	62.0 – 92.0

The active ingredients in this product are 100% organic and biodegradable. The product is exempt from registration under (FIFRA) the Federal Insecticide, Fungicide and Rodenticide Act

SECTION 3: HAZARD IDENTIFICATION

HEALTH - 1
FLAMMABILITY - 0
PHYSICAL HAZARD - 0
REACTIVITY - 0

Potential acute health effects: The product and its components represent no known hazard to health or environment. The oral LD 50 \geq 5,000 mg/ Kg for the essential oil components of this product.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Procedure:

Contain, collect and reuse, if possible. This product is not considered a hazardous product, and is therefore not considered a hazardous waste. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Personal Protection:

Respiratory Protection:	Approved NIOSH/MSHA (nuisance dust) respirator may be necessary under certain conditions where airborne contaminants may exceed exposure limits.
Eye Protection:	Wear goggles or safety glasses with side shields at all times.
Other Protective Equipment:	Impervious gloves, long sleeve pants and shirts, and protective head-wear should be worn to minimize exposure.

SECTION 7: HANDLING AND STORAGE

Storage Conditions:

The maximum recommended storage temperature for this product is 160°F. Store in a well ventilated area.

Handling Procedures:

Avoid ignition sources such as sparks and flame. No special precautionary health measures should be needed under anticipated conditions of storage or use. As a water based product, general incompatibility with hydrocarbon oils are expected. However, no reaction (hazardous or otherwise) is expected on contact with other materials.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit Information:

The use of local exhaust ventilation is recommended to control process emissions near source. Provide mechanical ventilation of confined spaces

Respiratory Information:

A respiratory protection program meeting OSHA 29 CFR & 1910-134 and ANSI Z88. Two requirements must be followed whenever work place conditions warrant a respirator's use.

Eye Protection:

Use Chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent). Eye protection worn must be compatible with respiratory protection system employed.

Hand Protection:

NOTE: Material may be a skin sensitizer in susceptible individuals. The gloves listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection:

- Butyl Rubber
- Nitrile

Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. Rinse and remove gloves after use. Wash hands with soap and water.

Other Protection:

Use a chemically resistant apron or other impervious clothing to avoid prolonged or repeated skin contact.

Engineering Controls (Ventilation):

Use local exhaust ventilation with a minimum capture velocity of 150 ft. /min. (0.75 m/sec.) at the point of dust or mist evolution. Refer to the current edition of *Industrial Ventilation: A Manual of Recommended Practice*, published by the American Conference of Government Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.

Other Protective Equipment:

Facilities storing or utilizing this product should be equipped with an eyewash facility and safety showers.

The product and its components represent no known hazard to health or environment. The oral LD 50 \geq 5,000 mg/ Kg for the essential oil components of this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Water like	Water Solubility	miscible
Appearance/Odor:	Amber -cream	Melting Point	N/A, liquid
Evaporation Rate:	Equal to water	pH: 4.6 – 5.7	Boiling Point: N/A
Specific Gravity:	.894 @ 77°F	Boiling Point >200°F	Melt Point <32 F
Critical Temp: N/A	Volatility: as Water	Odor: Mild aromatic	Dispersion: Aqueous
Vapor Density: Water			

SECTION 10: STABILITY AND REACTIVITY

Stability: This product is considered stable. Hazardous polymerization will not occur.

Conditions to Avoid: Extreme temperatures and open flames.

Materials to Avoid: Avoid mixing with strong oxidants.

Hazardous Decomposition Products: None Known

Hazardous Polymerization Products: None Known

