

MATERIAL SAFETY DATA SHEET

HOMS

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PHONE NUMBER: (919) 533-4752 or (888) 270-5721

SECTION 1: Identification		
TRADE NAME:	Bite Blocker® Insect Repellent Herbal Spray	
SYNONYMS:	N/A	
REGULATORY LICENSE:	This product is exempt from pesticide regulation under FIFRA Section 25(b)	
CHEMICAL FAMILY:	Plant derivatives.	
SECTION 2: Hazards Identification		
RECOMMENDED EXPOSURE LIMITS –TWA: Not established		
LISTED AS CARCINOGEN BY NTP, IARC, OR OSHA:	No None of the ingredients are considered carcinogenic	
OTHER HEALTH EFFECTS:	None noted.	
HEALTH HAZARD CATEGORIES:	CAUTION	
SECTION 3: Composition/Information on Ingredients		
ACTIVE COMPONENT(S)	CAS NO.	CHEMICAL FORMULA
Soybean Oil	8001-22-7	N/A
Geranium Oil	8000-46-2	N/A
INERT COMPONENT(S)	CAS NO.	CHEMICAL FORMULA
Water	N/A	H ₂ O
Coconut Oil	8001-31-8	N/A
Glycerin	56-81-5	C ₃ H ₈ O ₃
Lecithin	8002-43-5	N/A
Citric Acid	77-92-9	C ₆ H ₈ O ₇
Sodium Bicarbonate	144-55-8	NAHCO ₃
Vanillin	121-33-5	C ₈ H ₈ O ₃

SECTION 4: FIRST AID Measures

EYE CONTACT: Immediately flush with large amounts of water for 10 minutes. If irritation persists, get medical attention.

SKIN CONTACT: For sensitive individuals: If irritation develops, flush affected areas with water.

INHALATION: Not a reasonable route of exposure.

INGESTION: Flush oral cavity, drink plenty of water. Treat symptomatically. Get medical attention.

SECTION 5: Fire-Fighting Measures

EXTINGUISHING MEDIA: Foam, Carbon Dioxide (CO₂), or Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES: Evacuate area of all unnecessary personnel. Use standard protective firefighting gear. Keep nearby containers and equipment cool with water spray. Contain the run-off, if possible, for proper disposal.

UNUSUAL FIRE AND EXPLOSION HAZARDS: When burned carbon oxides formed; plastic container may give off hazardous gases when burned.

SECTION 6: Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: For large spills eliminate all ignition sources. Contain the spill (prevent this product from reaching surface waters or other water supplies). Soak up the spill with an appropriate absorbent and transfer to waste containers for disposal. Clean the spill area with detergent and water. Individual unbroken containers may be picked up and inspected for use/rework.

ENVIRONMENTAL HAZARDS/
WAST DISPOSAL: Contaminated absorbent and wash water should be disposed of according to Local, State and Federal regulations.

RCRA/CERCLA HAZARDOUS WASTE: None.

SECTION 7: Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE, ETC.

Store containers upright and closed. Store in areas that are cool, dry and well-ventilated. Keep away from heat, ignition sources and strong oxidizers. Do not contaminate water, feed or food by storage, handling or disposal. Read and observe all precautions and instructions on product label.

SECTION 8: Exposure Controls/Personal Protection	
RESPIRATORY PROTECTION:	None required.
PROTECTIVE GLOVES:	None required.
EYE PROTECTION:	None required.
OTHER PROTECTIVE EQUIPMENT:	None required.
VENTILATION:	None required.
NOTE:	Personal protection information provided in this Section is based upon label information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or qualified professional be sought.

SECTION 9: Physical and Chemical Properties			
BOILING POINT	90 to 100°C	FREEZING POINT	0°C
PH-VALUE	5.0 to 6.0	DENSITY	1.00 to 1.02 g/cm ³ @20°C
SOLUBILITY IN WATER	Emulsifiable	VISCOSITY	40 to 60 centi-poise
APPEARANCE	White, opaque liquid;	ODOR	mild herbaceous odor.
FLASH POINT	IGNITION TEMP.	LEL	UEL
220°C	410°C	Not established	Not established

SECTION 10: Stability and Reactivity	
STABILITY:	Stable.
INCOMPATIBILITY:	None known.
HAZARDOUS DECOMPOSITION PRODUCTS:	None known.
HAZARDOUS POLYMERIZATION:	Will not occur.

SECTION 11: Toxicological Information

Acute Oral (Rat)	LD50 > 20g/kg
Acute Dermal (Rabbit)	LD50 > 10g/kg
Skin Irritation (Rabbit, Human)	not irritating in patch test on rabbits and humans
Aquatic toxicity:	
Fish toxicity	LC50 - > 100mg/kg
Bacterial toxicity	EC50 - > 100mg/kg

Potential Health Effects

EYE CONTACT:	Can cause temporary irritation and tearing.
SKIN CONTACT:	Not irritating.
INHALATION:	Not a reasonable route of exposure.
INGESTION:	Can cause stomach irritation, resulting in nausea, cramps and vomiting.
CHRONIC:	Data not established, but none of the ingredients are considered carcinogenic.

SECTION 12: Ecological Information

No data available

SECTION 13: Disposal Considerations

CONTAINER DISPOSAL:
Do not reuse containers. Dispose of in a sanitary landfill or by other approved State and Local procedures.

SECTION 14: Transport Information

Keep away from Heat, ignition sources during transport.

SECTION 15 REGULATORY INFORMATION

HOMS, LLC is unaware of any local, state or federal regulations which define the active ingredient as hazardous.

As of the preparation date, this product did not contain a chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

