

Material Safety Data Sheet

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Section 4 - Physical Properties

Boiling Point:	90 to 100 degrees C
Freezing Point:	0 degrees C
% Volatile (Volume):	70-75%
Vapor Pressure:	Same as water.
Vapor Density:	Not applicable.
Appearance:	White liquid
Odor:	Non-obnoxious
Solubility In Water:	Emulsifiable
PH-Value	3.8 - 4.0
Evaporation Rate:	Same as water.
Physical Form:	Oil Residual
Color:	White liquid
Health:	Does not pose a health risk.
Physical Hazard:	None known.
Environmental:	Does not pose any environmental risk.
OSHA Hazardous Substance:	Not classified as hazardous.
Primary Route of Entry:	Insect Pest body contact

Section 5 - Fire Fighting Measures

Flash Point:	>200 degree C
Extinguishing media:	Water, CO2, Chemical Foam
Special Fire Fighting Procedure:	None
Unusual Fire & Explosion Procedure:	None
Flammable Limits	Not Applicable

Section 6 - Health Hazard Data

Skin Contact:	Not irritating.
Eye Contact:	May cause mild irritation. Rinse with water. If irritation persists, seek medical help.
Vapor Inhalation:	Not a reasonable route of exposure.
Ingestion:	May cause stomach irritation with nausea and diarrhea. If symptoms persist, contact a physician.

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Section 7 - Toxicological Information

Contains only ingredients that are recognized as safe in food grade applications in accordance with U.S. Food and Drug Administration (FDA) 21 CFR 178.3400 and / or found on the GRAS list, Parts 182 and 184

Section 8 - Stability And Reactivity

Stability:	Stable
Hazardous Polymerization:	Will not occur
Conditions To Avoid:	Storage in elevated temperatures or direct sunlight for prolonged periods Do Not freeze
Hazardous Decomposition Products:	None known
pH:	3.8 - 4.0

Section 9 - Spill or Leak Procedures

Steps To Take If Material Is Released Or Spilled :	Wash down with water
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Section 10 - Special Protective Equipment

Observe Good Housekeeping / Hygiene Practices

Skin:	Not Applicable
Eyes:	None required
Nose / Mouth:	None required
Ventilation:	Not Applicable
Other Equipment:	Not Applicable

Section 11 - Special Precautions

Precautions To Be Taken In Handling And Storage:	Store in a cool place in closed container
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Section 12 - Transportation Information

DOT Shipping Name: Plant-based Insect Repellent Solution
DOT Hazard Class: Not regulated. (NOT DOT HAZARDOUS)
UN / NA Number: N/A
Guide Number: N/A
IMDG Code: N/A

Section 13 - Ecological Information

This material is not expected to have adverse ecological affects.

Section 14 - Disposal Consideration

Disposal: Consult federal, state, and local regulations regarding disposal methods.

Section 15 - Other Information

Legend:

NFGA:
HMIS: Hazardous Materials Identification System
IARC: International Agency for Research on Cancer
N/A: Not Available
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration

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