

BiSect – Insect Deterrent

MATERIAL SAFETY DATA SHEET

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IDENTIFICATION

Product Name BiSect – Insect Deterrent
Chemical Family Lipid
Chemical Name Hydrophobic extract of Neem Oil, combined with Garlic Oil and light mineral oil
Product Classification Surfactant
Product Use This product is intended for use as a deterrent for insects and should pose no health risk if used in accordance with label directions.

PHYSICAL DATA AND PROPERTIES

Appearance Brown liquid
Odour Bitter
Boiling Point Range 154° C – 310° F
Melt Point/Freeze Range 13° C - 55° F
Specific Gravity 0.950 g/ml
Flashpoint 39° C - 102° F
Flammable Limit (LEL) Not determined
Flammable Limit (UEL) Not determined
Solubility in Water Soluble – Dispersible
pH 6.5 – 7.5

STABILITY, REACTIVITY AND STORAGE

Stability Stable
Hazardous Polymerisation Will not occur
Decomposition Products None known
Incompatibilities None noted
Storage Temperature min 13° C – max none / min 55° F - max none
Shelf Life Stable for upwards of 2 years if properly capped and stored at ambient conditions
Special Sensitivity Keep from freezing

HAZARDOUS INGREDIENTS None

EXPOSURE CONTROL/PERSONAL PROTECTION

Eye Protection Wear protective goggles when handling product
Skin Protection Use chemical resistant gloves when handling product
Ventilation Ensure adequate ventilation is available when handling product
Exposure Limits None

TOXICITY DATA

Route(s) of Entry	Eyes, Skin, oral, inhalation
Human effects and symptoms from over exposure	None noted
Acute Ingestion	LD50>5g/kg -If swallowed may cause nausea and vomiting
Chronic Ingestion	Chronic exposure not likely from normal use
Acute Eye	May cause mild (reversible) irritation or redness of the eye
Chronic Eye	Chronic exposure not likely from normal use
Acute Skin	Repeated exposure may cause mild irritation (sensitisation) of the skin
Chronic Skin	Repeated exposure may cause slight sensitisation of the skin
Acute Inhalation	LD50>6.2mg/l - May cause irritation of the throat
Chronic Inhalation	Chronic exposure not likely from normal use

FIRST AID

Swallowed	Wash mouth out with water then drink plenty of water. If irritation develops seek medical attention
Eye	If contact with the eye occurs, wash with copious amounts of water for approximately 15 minutes, holding eyelids open. If irritation develops seek medical attention
Skin	Remove contaminated clothing, wash thoroughly with soap and water. If irritation develops seek medical attention
Inhaled	Remove the source of contamination or move victim into fresh air. If irritation develops seek medical attention
First Aid Facilities	Normal washroom facilities

ENVIRONMENTAL DATA

Prevent discharge to the environment. If accidentally discharged, bund around spill and pick up spillage with appropriate cleaning equipment (an absorbent media like sand or similar) and report the accident to the EPA. For disposal, seek advice of the EPA.

STORAGE AND HANDLING:

- Store at room temperature.
- Keep lid closed firmly at all times.
- Keep away from the reach of children.
- Store away from food and animals.

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