

# MATERIAL SAFETY DATA SHEET

**APTEC, Inc.**  
5000 Letterkenny Rd.  
Chambersburg, PA 17201

## I. IDENTIFICATION

**TRADE NAME:** N-509 No Fly Zone

**CHEMICAL NAME AND SYNONYMS:** Not applicable  
**CHEMICAL FAMILY:** Not applicable  
**FORMULA:** Proprietary  
**INGREDIENTS:** Neem, biological spores, surfactants and water.

## II. PHYSICAL DATA

**BOILING POINT:** Not Determined  
**FREEZING POINT:** Not Determined  
**pH:** 5.5 – 7.0 (at 25 deg. C)  
**VAPOR PRESSURE:** Same as water  
**SPECIFIC GRAVITY:** 1.01 +/- 0.01 (at 25 deg. C)  
**WATER SOLUBILITY:** Completely miscible in water  
**MOLECULAR WEIGHT RANGE:** Not Applicable  
**APPEARANCE:** Light Brown to white emulsion  
**ODOR:** Neem w/ fermentation

## III. HAZARDOUS INGREDIENTS

**HAZARDOUS MATERIALS:** None per 29 CFR 1910.1

## IV. FIRE AND EXPLOSION HAZARDS

**FLASH POINT TEST METHOD:** PMMC  
**FLASH POINT:** No Data  
**FLAMMABLE LIMIT:** No Data  
**NFPA RATING:** No NFPA Rating  
**HMIS RATING:** HEALTH: 1 FIRE:0 REACTIVITY:0  
**FIRE AND EXPLOSION HAZARD:** No Data  
**FIRE-FIGHTING EQUIPMENT/PROCEDURE:** Standard firefighting equipment

## V. REACTIVITY DATA

**STABILITY:** Stable  
**INCOMPATIBILITY:** No Data  
**MATERIALS TO AVOID:** Oxidizing Agents  
**CONDITIONS TO AVOID:** Strong acids or alkali may inactivate biological culture  
**POLYMERIZATION HAZARD:** None, polymerization will not occur  
**HAZARDOUS DECOMPOSITION PRODUCTS:** CO<sub>2</sub>, Carbon monoxide and sulfur compounds

## VI. HEALTH HAZARD DATA

**EFFECT OF OVER EXPOSURE:** Not Known

**VII. ENVIRONMENTAL PROTECTION**

<b>SPILL OR LEAK PROCEDURE:</b>	Sweep up and collect and place in a container for proper disposal
<b>WASTE DISPOSAL METHOD:</b>	Dispose of this product and its residue in accordance with all local, state and federal requirement

**VIII. HANDLING PRECAUTIONS**

<b>EYE PROTECTION:</b>	Use safety goggles
<b>PROTECTIVE CLOTHING:</b>	None
<b>VENTILATION:</b>	
<b>LOCAL EXHAUST:</b>	Preferable
<b>MECHANICAL:</b>	Acceptable
<b>SPECIAL:</b>	None

**IX. FIRST AID PROCEDURE**

	<b>HAZARD</b>	<b>FIRST AID</b>
<b>CONTACT WITH SKIN:</b>	Irritant	Wash with soap and water
<b>CONTACT WITH EYE:</b>	Irritant	Flush with water (If irritation results, call a physician)
<b>INHALATION:</b>	None	Remove victim to fresh air, get medical Attention immediately
<b>INGESTION:</b>	None	Gargle, induce vomiting (If irritation results, call a physician)

**X. STORAGE CONDITIONS**

<b>BEST STORAGE TEMP:</b>	Cool temperature and dry place
<b>CONDITION TO AVOID:</b>	Keep out of reach of children.

**XI. REGULATORY CONTROLS****OTHER REGULATORY REQUIREMENTS:**

This product contains viable microorganisms. These microorganisms are classified by the CDC and NIH as "class 1" microorganisms. Not likely to cause disease in healthy human, ACGIH TLV-NA, OSHA PEL-NA

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