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**EMERGENCY TELEPHONE NUMBER**

CHEM•TEL (800) 255-3924  
Outside North America Call Collect (813) 248-0585

**PRODUCT INFORMATION**

Trade Name: Neemix<sup>®</sup> 4.5  
Description: Botanical Agricultural Insecticide / Insect Growth Regulator  
Active Ingredient: Azadirachtin (4.5%)  
Inert Ingredients: Proprietary solvent / surfactant blend

CAS #:	11141-17-6	OSHA PEL:	NA
DOT Shipping Name:	NA	ACGIH TLV:	NA
DOT Hazard Class:	Not Regulated		

**PHYSICAL DATA**

Boiling Point:	77°C	Specific Gravity:	0.951 g/mL
Vapor Pressure:	Not Determined	Evaporation Rate:	Not Determined
Vapor Density:	Not Determined	Odor:	Disinfectant
Water Solubility:	Slightly soluble in water	Appearance:	Dark brown liquid

**HEALTH HAZARDS / EFFECTS**

Hazard Statements:	WARNING Keep out of Reach of Children
Exposure Signs and Symptoms:	Repeated exposure may cause skin sensitization.
Medical Conditions Aggravated by Exposure:	None noted
Threshold Limit Value:	Not determined
Routes of Entry:	Eyes, skin, oral, inhalation
NTP Listing:	Not Listed
Carcinogen:	No

**EMERGENCY AND FIRST AID PROCEDURES**

Skin:	Wash with plenty of soap and water.
Eyes:	Hold eyelids open and flush with a steady, gentle stream for 15 minutes.
Inhalation:	Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. Get medical attention if irritation persists.
Ingestion:	Call a physician or poison control center. Drink 1 or 2 glasses of water. Do not induce vomiting.



**HEALTH PROTECTION MEASURES**

Respiratory Protection:	NIOSH approved organic vapor respirator.
Ventilation:	Use under well ventilated conditions.
Protective Clothing:	Long-sleeved shirt and long pants, shoes plus socks, chemical-resistant gloves.
Eye Protection:	Protective eyewear
Hygienic Practices:	Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not re-use them.

**FIRE AND EXPLOSION HAZARD DATA**

Flash Point:	67°C	LEL:	NA
Flammable Limits:	Not Determined	UEL:	NA
Extinguishing Media:	Foam, Dry Chemical		

**REACTIVITY DATA**

Hazardous Decomposition:	None known	Stability:	Stable
Hazardous Polymerization:	Will not occur	Condition to Avoid:	Open flame, temperatures above 95°F

**SPILL, DISPOSAL, AND STORAGE PROCEDURES**

If Material is Spilled or Released:	Recover free product. Use absorbent material to minimize runoff of mixed product.
Waste Disposal Method:	This product may be hazardous to fish and aquatic invertebrates. Do not contaminate water when cleaning equipment or disposing of equipment wash waters. Rinse water and unused diluted product may be disposed on site or in an approved waste disposal facility.
Method of Storage	Do not store above 95°F
Person to be Contacted if Spill Occurs:	State extension or Experiment Station Specialist. If significant spill occurs, contact CHEM•TEL (800) 255-3924.

Reason for Issue:	MSDS Format Change
Approval Date:	July 17, 2003
Supersedes Date:	May 04, 2001

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