



Material Safety Data Sheet

eco-neem

Not classified as hazardous according to criteria of the National Occupational Health and Safety Commission (NOHSC)

Issue Date: January 2009
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Identification

Product Name: eco-neem
Product Code: Neem 1/5

Chemical description: An extract of Neem kernels which contains 1.2% azadirachtin dissolved in vegetable oil

UN Number: None allocated.

Dangerous Goods Class: None allocated.

Hazchem Code: None allocated.

Poisons Schedule: S5

Uses

Major Use: Plant Spray in ornamentals and other crops

Application: May be used with boom spray, aerial spray, misting machine, hand gun or knapsack spray

Properties

Appearance:	Brown viscous liquid which mixes with water
Boiling Point:	Not applicable
Vapour Pressure:	Not applicable.
Specific Gravity:	0.98
Flashpoint:	Above 150°C
Flammability:	Non-flammable.
Solubility in Water:	Disperses readily in water to form an emulsion.

Ingredients

Chemical Entity:		CAS	
NeemAzal technical comprising:	min.3-4%		
Azadirachtin A		11141-17-6	} Min. 1.2%
Azadirachtin B		95507-03-2	
Other non hazardous ingredients:			
Vegetable oils	46-47%		
Surfactant	50%	9005-67-8	

Health Hazard Information

Acute

<i>Swallowed:</i>	Low toxicity estimated.
<i>Eye:</i>	May cause mild irritation.
<i>Skin:</i>	May cause mild irritation.
<i>Inhaled:</i>	Excessive inhalation of mists may cause mild irritation.

Chronic

Certain studies have shown continued absorption or ingestion of concentrated crude extracts of neem can cause reversible anti-fertility effects and aborticide effects in mammals.

First Aid

<i>Swallowed:</i>	Give water or milk to drink and induce vomiting. Use fingers in the throat or Ipecac syrup. Seek medical assistance.
<i>Eye:</i>	Irrigate continuously with water for 15 minutes. It is a sensible precaution to seek medical advice.
<i>Inhaled:</i>	Remove victim from exposure.
<i>Advice to Doctor</i>	Treat symptomatically.

Precautions for Use

Exposure Standards:	No information available. Use sensible work practices to reduce operator exposure.
Engineering Controls:	No engineering controls are needed for the normal use of this product according to label.
Personal Protection:	
Glove Type:	PVC or rubber gloves.
Eye Protection:	Standard eye protection
Clothing:	Wear normal long sleeve clothing.
Flammability:	
Fire Hazards:	Not flammable under conditions of use.
Source of Ignition:	Do not store with oxidizing agents.
Hazchem Code:	Not allocated.

Safe Handling Information

Storage and Transport:	Safe to handle.
Spills and disposal:	Absorb on sawdust or other suitable material. Sweep up and dispose of in landfill or by burning in accordance with local rules. Do not contaminate any streams, lakes or ponds. Contaminated material must be disposed of in accordance with all State and/ or Local regulations.
Fire/Explosion Hazard:	Not dangerous. However if product is burnt it may produce carbon monoxide in a restricted atmosphere. Extinguishing medium: foam, sand.
Chemical Reactivity:	Avoid contact with strong oxidizing agents such as chlorine and organic peroxides.

Contact Points

Contact:	Gary Leeson
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THIS MSDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER SHOULD READ THIS MSDS AND CONSIDER THE INFORMATION IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE INCLUDING IN CONJUNCTION WITH THE OTHER PRODUCTS. IF CLARIFICATION OF FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY. THE RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.