

1: IDENTIFICATION

Chemical Name	dimethyl (1S,4S,5R,6S,7S,8R,11S,12R,14S,15R)-12-acetyloxy-4,7-dihydroxy-6-[(1S,2S,6S,8S,9R,11S)-2-hydroxy-11-methyl-5,7,10-trioxatetracyclo[6.3.1.02,6.09,11]dodec-3-en-9-yl]-6-methyl-14-[(E)-2-methylbut-2-enoyl]oxy-3,9-dioxatetracyclo[6.6.1.01,5.011,15]pentadecane-4,11-dicarboxylate		
Synonyms	Neem Oil Based EC containing Azadirachtin 0.03% (300 PPM) Min.		
Uses	Crop Protection	Trade Name	NEEMLY 300 PPM
Manufacturer/ Supplier	Ulink AgriTech Pvt. Ltd. Office Nos. 001 And 002, Ground Floor Wing "A" And Nos. 003 And 004 Ground Floor Wing "B", Nyati Tech Park, Wadgaon Sheri, Pune - 411014, Maharashtra		
Emergency Contact	9503095030	E-mail	info@agrostar.in

2: COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Name	CAS #	Percent or Content (w/w)
Azadirachtin	11141-17-6	0.03% (300 ppm)

3: HAZARD IDENTIFICATION

Emergency Overview: No known Health Hazards

Primary Entry Routes: Oral (Swallowing), Inhalation

Acute Effects (Signs and Symptoms of Overexposure) :

Eyes: May cause mechanical irritation of eyes.

Ingestion: No known Hazards

Skin: No known Hazards

Inhalation: Inhalation of large amount may cause discomfort

Chronic Effects: No known Hazards

Medical Conditions Aggravated by Exposure: Not known

Target Organs: None

Carcinogenicity: None

HMIS: Health - 0, Flammability - 0, Reactivity - 0

4: FIRST AID MEASURES

General: First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). Have the product container, label or safety data sheet while seeking medical attention, a poison control center or physician, or going for treatment.

Inhalation: Move to fresh air. Seek medical advice if breathing difficulty develops.

Ingestion: Immediately rinse mouth with water. Seek medical advice.

Skin Contact: Remove contaminated clothing and wash with soap and water. If symptoms such as redness or irritation occur consult a physician. Launder clothes before Reuse.

Eye Contact: Rinse immediately with plenty of water for several minutes. After 5 minutes remove contact lenses if present and continue rinsing with plenty of water. Continue to rinse with eyelid wide open for at least 15-20 minutes. Seek medical attention if irritation develops.

First Aid Facilities: Normal washing facility.

Advice to Doctor: Treat symptomatically

5: FIRE FIGHTING MEASURES

Extinguishing Media : Use extinguishing media suitable for surrounding fire situation.

Unusual Fire or Explosive Hazards: Not known

Flammability: Might be flammable

Flash Point: > 40° – 42° C

Auto-ignition Temperature : Not Applicable

Explosive Limits : LEL: Not Applicable, UEL: Not Applicable

6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure: Avoid release into sewers and waterways.

Methods for Cleaning up: Prevent runoff from entering drains and waterways. Collect and seal properly labeled containers.

7: HANDLING & STORAGE

Handling: No special handling requirements. Follow normal hygienic and housekeeping standards for agricultural products

Storage: Store in original container in clean, cool and dry place. Use before expiration date printed on package.

8: EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures : Special Ventilation is not required

General Protection : Avoid contact with eyes and skin. While handling the product wear cotton overalls buttoned to the neck and wrist, elbow-length PVC gloves and face shield. After use and before eating, drinking and smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves and contaminated clothing.

Personal Protection : Follow all precautions and instructions on the label. In all other cases the following recommendations would apply.

Respiratory Protection : Not required.

Skin Protection : Must wear suitable protective clothing. Long-sleeve shirt, long pants, shoes plus socks. Any clothing or other absorbent material which has been drenched or heavily contaminated must be discarded.

Hand Protection : Chemical-resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyvinyl chloride (PVC) or Viton.

Eye Protection : Use of safety goggles is recommended if a face shield is not used. Safety showers and eyewash should be easily available.

Others: Wash clothing before reusing.

9:PHYSICAL/CHEMICAL PROPERTIES

Appearance : Clear brown Liquid

Specific Gravity: Approx. 0.92

Physical State: Liquid

pH: 6 - 6.5

Colour: Brown

Odour: Repulsive/Fragrant odour

Melting Point [°C]: Not determined

Water Solubility: Soluble

Vapour Density: Heavier than air

10:STABILITY & REACTIVITY

Stability : Stable under normal circumstances

Conditions to Avoid : None

Hazardous Decomposition Products : None.

Chemical incompatibilities: Avoid contact with any chemical.

Hazardous Polymerization : Will not occur.

11: TOXICOLOGICAL INFORMATION

Acute oral effects : None

Acute inhalation effects: None

Skin irritation: Not-irritating

Acute dermal effects: None

Skin Sensitization: Not a skin sensitizer

Eye effects/Eye irritation: Not-irritating

12: ECOLOGICAL INFORMATION

The product does not contain bacterial strains

13: DISPOSAL CONSIDERATION

Waste-disposal Procedures: Small amounts of the product which cannot be used according to the label instructions may be disposed off in a landfill.

This product is not regulated as a hazardous waste. State and local regulations may affect the disposal of this product. Consult your state, local or provisional environmental agency for disposal of waste other than by use according to instructions.

14: TRANSPORT INFORMATION

Transportation Data : This product is not regulated as a hazardous material for all modes of transportation

Hazard Class : Not Applicable

ID No. : Not Applicable

15: REGULATORY INFORMATION

NFPA Ratings

Health : 0

Flammability : -

Reactivity : 0

Specific Hazard : Not Applicable

16: OTHER INFORMATION

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