



南京丰山化学有限公司

NANJING FENGSHAN CHEMICAL CO., LTD.

MATERIAL SAFETY DATA SHEET

1 Manufacturer/information service:

Product name: Abamectin 1.8 EC

Supplier: Nanjing Fengshan Chemical Co., Ltd.

Address: 1904 Centre International Plaza, 105-6 North Zhongshan Road, Nanjing City, Jiangsu Province, China.

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2. Composition / Information On Ingredients

Composition	CAS No.	Content %
Abamectin	82657-04-3	1.8
fatty alcohol-polyoxyethylene ether	52292-17-8	10
Solvess 150	64742-94-5	88.2

3 Hazards Identification

PRIMARY ROUTES OF EXPOSURE: Inhalation, skin, eye contact and ingestion

4. First Aid Measures

Ingestion: Vomit with large amount of water and call a physician.

Eye contact: Immediately rinse with running water for at least 15 minutes. Seek medical advice.

Skin contact: Remove all contaminated clothing, shoes and socks from the affected area. Immediately rinse with running water. Wash skin thoroughly with soap and water. If irritation persists, seek medical advice.

Inhalation: If respiratory discomfort occurs, move the person to fresh air. If not breathing, give mouth-to-mouth resuscitation (or artificial respiration). Keep warm with blanket and keep at rest. Seek medical advice.

Notes to physician: Treatment is symptomatic.

5. Fire-Fighting Measures

Extinguishing Media: Water, foam, dry chemical or carbon dioxide

Fire fighting instruction: Fire fighters shall wear full faced self contained breathing apparatus. Move away this product from fire if there is no risk. Use water spray or fog nozzle to keep container or surrounding area cool.



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Special hazards: Normal combustion forms carbon dioxide, water vapour and may produce toxic gas such as carbon monoxide, sulfur oxides or nitrogen oxides.

6. Accidental Release Measures

Leak and/or Spill:

Wear protective clothing such as gloves, dust mask, safety shoes and uniform. Evacuate non essential personnel. Prevent spillage from entering the drainage systems or watercourses. Prevent further waste by closing the container properly, shifting its position to stop leakage or placing into another container. Sweep up the spill into closed waste container for disposal, do not raise dust. Wash the contaminated area with a little water and detergent and drain to waste water treatment plant. Always work upwind

7. Handling And Storage

Handling: Wear dust respirator, rubber gloves, goggles while handling. Local exhaust or mechanical ventilation are desirable. Eye bath and safety shower are desirable. Wash thoroughly after handling.

Storage: Keep tightly closed in original labelled container. Store indoor at room temperature, avoid wet, high humidity, heat or open flame. Keep away from possible contact with water, away from the reach of children and away from food, drinks and animal feeding stuffs.

Other Precautions: Do not reuse the container for other purpose. Avoid excessive dust formation

8. Exposure Controls / Personal Protection

Exposure Limit: Not established

Engineering measures: Not established

Personal protection: Suitable protective clothing and gloves. Dust respirator, rubber gloves and safety goggles are recommended.

9. Physical And Chemical Properties

Appearance: Straw-Amber liquid

Odor: None

FLASH POINT: >230° F (110° C)

pH: 5.1 @ 25° C

SOLUBILITY IN H2O: Miscible

10. Stability And Reactivity

Stability: Stable under normal storage condition

Conditions to avoid: Extreme pH, temperature and UV light



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Incompatibles: Strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

Decomposition Products: CO, SO_x, NO_x on combustion

Hazardous polymerization: Will not occur

11.Toxicological Information

ACUTE TOXICITY/IRRITATION STUDIES

Acute Oral LD50 (Rat): 416 mg/kg

Acute Dermal LD50 (Rat): 2,000-5,000 mg/kg (females); >5,000 mg/kg (males)

Acute Inhalation LC50 (Rat): >2.13 mg/L

Eye Irritation (Rabbit): Moderately irritating.

Dermal Irritation (Rabbit): Slightly irritating.

Dermal Sensitization (Guinea Pig): Not a skin sensitizer

12.Ecological And Ecotoxicological Information

Birds Acute oral LD₅₀ for bobwhite quail 1800, mallard ducks 2150 mg/kg. Dietary LC₅₀ (8 d) for bobwhite quail 4450, mallard ducks 1280 mg/kg diet.

Fish LC₅₀ (96 h) for bluegill sunfish 0.00035, rainbow trout 0.00015 mg/l.

13.Disposal Considerations

Dispose of waste in accordance with government or local regulations.

14.Transport Information

Not available

15.Regulatory Information

Follow local regulations.

16 Other information

The information contained in this Material Safety Data Sheet is provided in good faith and is believed to be correct at the date hereof. However, it is expected that individuals receiving the information will exercise their independent judgement in determining its appropriateness for a particular purpose. Fengshan group Ltd makes no representation as to the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability whatsoever, whether with respect to negligence or otherwise, for any loss or damage arising from or connection with the supply or use of the information in this Material Safety Data Sheet.

Nanjing Fengshan Chemical Co., Ltd.

Date: December 3, 2012