

**JIANGSU INTER-CHINA GROUP CORPORATION**

☎ No. 116 Dingmaoqiao Road Zhenjiang China

✉ Sales@deanpestcontrol.com ☎ +86-511-84416352

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Chemical Name: Abamectin 2% + Fluopyram 6% SC

Product use: Nematicide

Supplier: Jiangsu Inter-China Group Corporation

Address: No.116 Dingmaoqiao Road, Zhenjiang, China.

Tel: 86-511-88972198

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2. HAZARDS IDENTIFICATION

GHS Classification:

Pictogram(s):



Signal: Warning

GHS Hazard Statements:

H302: Harmful if swallowed.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

Precautionary Statement:

P203: Obtain, read and follow all safety instructions before use.

P270: Do not eat, drink or smoke when using this product.

P271: Use only outdoors or in a well-ventilated area.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P391: Collect spillage.

3. COMPOSITION

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Composition	CAS No.	Content(w/w)
Abamectin	71751-41-2	2%
Fluopyram	658066-35-4	6%
Other ingredients	-	Balance to 100%

4. FIRST AID MEASURES**General advice**

Move out of dangerous area. Place and transport victim in stable position (lying sideways).

Remove contaminated clothing immediately and dispose of safely.

After eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation develops and persists.

After skin contact: Wash off thoroughly with plenty of water and soap, if available with polyethyleneglycol 400, subsequently rinse with water.

After inhalation: Move to fresh air. Keep patient warm and at rest. Call a physician or poison control center immediately.

After ingestion: Rinse mouth. Do not induce vomiting. Call a physician or poison control center immediately.

5. FIRE FIGHTING MEASURES**Suitable extinguishing media**

Water, carbon dioxide (CO₂), foam, dry chemical.

Specific hazards arising from the substance or mixture

Hydrogen cyanide (hydrocyanic acid), carbon monoxide (CO), nitrogen oxides (NO_x).

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus. Do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Keep unauthorized people away isolate hazard area. Avoid breathing vapors, mist or gas.



Avoid contact with spilled product or contaminated surfaces.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up

Soak up with suitable inert material. Collect thoroughly into suitable containers. Rinse the polluted area with water and suitable detergents. Collect waste water for treatment.

7. HANDLING AND STORAGE

Precautions for safe handling

Read the label before use. Handle and open container in a manner as to prevent spillage. Use only in area provided with appropriate exhaust ventilation. Do not eat, drink or smoke when handling the product. Avoid release to the environment.

Conditions for safe storage

Store in a cool, dry place and in such a manner as to prevent cross contamination with other crop protection products, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area. Protect from freezing.

8. EXPOSURE CONTROLS

Personal protective equipment

Ingestion: Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

Eye contact: Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin contact: Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Inhalation: Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested



and approved under appropriate government standards.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Colour	Off-white
Odor	Odorless
Density	1000-1200g/L
pH	5.0-8.0
Flash point	> 100 °C
Explosivity	Not explosive

10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

Will not occur.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

No data available.

Hazardous decomposition products

Hydrogen chloride(HCl), Hydrogen cyanide (hydrocyanic acid), Hydrogen fluoride, Carbon monoxide (CO), Nitrogen oxides (NO_x)

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity LD₅₀ (rat): cut-off value 1000 mg/kg bw

Acute inhalation toxicity LC₅₀ (4 hr): >4.97 mg/L

Acute dermal toxicity LD₅₀ (rat): > 2000 mg/kg bw

Skin Irritation: Non irritant

Eye Irritation: Slight irritant

12. ECOLOGICAL INFORMATION

Eco-Acute Toxicity (based on a.i.)

Fish

Abamectin: LC₅₀ (96 h) for rainbow trout 3.2 µg/L

Fluopyram: LC₅₀ (96 h) for *C. variegatus* >0.98 mg/L

Daphnia

Abamectin: LC₅₀ (48 h) 0.34 ppb

Fluopyram: EC₅₀ (48 h) >0.44 mg/L

Green Algae

Abamectin: EC₅₀ (72h) >100 mg/L

Fluopyram: EC₅₀ >1.13 mg/L

Birds

Abamectin: Oral LD₅₀: >2000 mg/kg

Fluopyram: Oral LD₅₀: >2000 mg/kg

Bees

Abamectin: LD₅₀: 0.0022 µg a.i./bee(contact)

Fluopyram: LD₅₀: >100 µg a.i./bee(contact); >100 µg a.i./bee(oral)

13. DISPOSAL CONSIDERATIONS

Waste from residues/unused products

In accordance with current regulations may be taken to waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority. Can be landfilled or incinerated, when in compliance with local regulations. Advice may be obtained from the local waste regulation authority.

Contaminated packaging

Triple rinse containers. Puncture container to avoid re-use. Rinsed packaging may be acceptable for landfill, otherwise incineration will be required in accordance with local regulations. Packaging that cannot be cleaned should be disposed of as product waste.

14. TRANSPORT INFORMATION

IATA



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UN/ID No.: 3082

Hazard Class: 9

Packing Group: III

IMDG

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Hazard Class: 9

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15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation on the Safe Management of Hazardous Chemicals in China.

16. OTHER INFORMATION

This MSDS completes technical use sheets but does not replace them. Information herein is based on our present knowledge concerning the product, at the edition date. It is honestly given. The attention of users is drawn to potential risks taken when the product is used for other uses than those for which it is made. The user has to know and comply with all regulations concerning its activity. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product. The aim of all the regulations mentioned is to help the person concerned to comply with the rules which are his own responsibility. This listing cannot be considered as exhaustive. The person concerned has to make sure that he has no other obligations due to texts specific to particular applications.

THE END