

**JIANGSU INTER-CHINA GROUP CORPORATION**

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MATERIAL SAFETY DATA SHEET**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER****Chemical Name:** Acetamiprid 24% + Eamectin Benzoate 5% SG**Product use:** Insecticide**Supplier:** Jiangsu Inter-China Group Corporation**Address:** No.116 Dingmaoqiao Road, Zhenjiang, China.**Tel:** 86-511-88972198**Fax:** 86-511-84441036**Email:** sharon@deanpestcontrol.com**2. HAZARDS IDENTIFICATION****GHS Classification:****Pictogram(s):****Signal word:** Warning**Hazard statements**

H400: Very toxic to aquatic life.

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

Precautionary statements

P273: Avoid release to the environment.

P391: Collect spillage.

P501: Dispose of contents/container in accordance with local regulation.

3. COMPOSITION

Composition	CAS No.	Content(%)
Acetamiprid	135410-20-7	24
Eamectin benzoate	155569-91-8	5
Other ingredients	-	Balance to 100%(w/w)

4. FIRST AID MEASURES

Inhalation: Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. Keep patient warm and at rest. Call a physician immediately.

Skin contact: Take off all contaminated clothing immediately. Wash off immediately with plenty of water. If skin irritation persists, call a physician. Wash contaminated clothing before re-use.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Immediate medical attention is required.

Ingestion: If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting: contains petroleum distillates and/or aromatic solvents.

Medical advice: There is no specific antidote available. Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Extinguishing media - small fires: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Extinguishing media - large fires: alcohol-resistant foam, water spray

Extinguishing media which must not be used for safety reasons: Do not use a solid water stream as it may scatter and spread fire.

Specific hazards during fire fighting: As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10). Exposure to decomposition products may be a hazard to health.

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus.

Further information: Do not allow run-off from fire fighting to enter drains or water courses. Cool closed containers exposed to fire with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear personal protective equipment.

Environmental precautions: Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system.

Methods for cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Collect and transfer the product into a properly labelled



and tightly closed container. Clean contaminated floors and objects thoroughly, observing environmental regulations.

7. HANDLING AND STORAGE

Handling Precautions: Avoid getting in eyes, on skin or clothing and do not breathe dust. Remove contaminated clothing immediately. Wash thoroughly after handling.

Storage Precautions: Store in a cool, dry area. Keep out of reach of children. Do not contaminate water, food, or feed by storage or disposal. Keep from contact with fertilizers, insecticides, Plant growth regulators, and seeds during storage.

8. EXPOSURE CONTROLS

Protective measures: The use of technical measures should always have priority over the use of personal protective equipment. When selecting personal protective equipment, seek appropriate professional advice. Personal protective equipment should be certified to appropriate standards.

Respiratory protection: A combination gas, vapor and particulate respirator may be necessary until effective technical measures are installed. Protection provided by air-purifying respirators is limited. Use a self-contained breathing apparatus in cases of emergency spills, when exposure levels are unknown, or under any circumstances where air-purifying respirators may not provide adequate protection.

Hand protection: Chemical resistant gloves are not usually required. Select gloves based on the physical job requirements.

Eye protection: If eye contact is possible, use tight-fitting chemical safety goggles.

Skin and body protection: No special protective equipment required. Select skin and body protection based on the physical job requirements

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Granules
Colour	Light yellow to faint brown
Odor	Characteristic faint odor
pH	6.0-10.0
Bulk density	0.5-0.6 g/L at 20°C



Flammability	Not flammable
Explosivity	Not explosive

10. STABILITY AND REACTIVITY

Stability: Stable under normal handling and storage conditions.

Incompatibilities: Avoid mixing with strong acid/alkaline, strong oxidizing agent and reducing agent.

Hazard Decomposition: In the event of fire, the formation of nitrogen oxides, hydrogen fluoride, hydrogen chloride, carbon monoxide, carbon dioxide and various fluorinated and chlorinated organic compounds must be anticipated.

Hazard Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

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

Acute inhalation toxicity LC₅₀ (4 hr): >5.0 mg/L

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

Skin Irritation: Non irritant

Eye Irritation: Non irritant

Skin Sensitizer: Non sensitizing

12. ECOLOGICAL INFORMATION

Based on A.I.

Acetamiprid

Birds LD₅₀ for mallard ducks 98, bobwhite quail 180 mg/kg. LC₅₀ for bobwhite quail >5000 ppm.

Fish LC₅₀ (0–96 h) for carp >100 mg/l.

Daphnia LC₅₀ (24 h) >200 mg/l; EC₅₀ (48 h) 49.8 mg/l.

Algae E_rC₅₀ (72 h) for *Scenedesmus subspicatus* >98.3 mg/l; NOEC (72 h) 98.3 mg/l.

Bees LD₅₀ (oral) 14.5 µg/bee; (contact) 8.1 µg/bee

Emamectin benzoate

Birds Acute oral LD₅₀ for mallard ducks 76, bobwhite quail 264 mg/kg. Dietary LC₅₀ (8 d) for mallard ducks 570, bobwhite quail 1318 ppm.



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Fish LC₅₀ (96 h) for rainbow trout 174, sheepshead minnows 1430 µg/l.

Daphnia LC₅₀ (48 h) 0.99 µg/l.

Bees Toxic to bees.

Worms LC₅₀ >1000 mg/kg dry soil.

13. DISPOSAL CONSIDERATIONS

Disposal of product would be treated, stored, transported, and disposed of according to the local waste regulation authority. Do not flush to surface water or sanitary sewer system.

14. TRANSPORT INFORMATION

Hazard Class: 9

UN No.: 3077

Packing Group: III

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