

PRODUCT : ABAMIPRID 120SL  
EFFECTIVE DATE : July 2021  
REVISION No. : 0  
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**IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY**

**Product name** ABAMIPRID 120SL  
**Common name** Acetamiprid + Abamectin  
**Chemical name** (acetamiprid)(*E*)-*N*1-[(6-chloro-3-pyridyl)methyl]-*N*2-cyano-*N*1-Methyl=acetamidine; (abamectin) 5-O-demethylavermectin A1a (i) mixture with 5-O-demethyl-25-de(1-methylpropyl)-25-(1-methylethyl)avermectin  
**Supplier** **NOVA AGRO (HK) LIMITED**  
(Reg. No. 1023146)  
6th Floor Wyndham Place  
44 Wyndham Street  
CENTRAL HONG KONG.

**1. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Chemical Name</u>	<u>Wt.</u>	<u>CAS</u>
Acetamiprid	100g/L	135410-20-7
Abamectin	20g/L	71751-41-2

**2. HAZARDS IDENTIFICATION**

Health effects

**ACUTE:**

Caution. Hazard to humans and domestic animals. Keep out of reach of children.

**Acute if Ingested:** Hazard to humans and domestic animals.

**Eye:** Immediate effects, avoid contact with eyes.

**Skin:** Harmful if absorbed through skin. Avoid contact with skin or clothing. Skin contact may aggravate existing skin disease.

**Inhalation:** Harmful if inhaled. Avoid breathing dust. Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis.

**CHRONIC:**

This product does not contain any ingredients as probable or suspected human carcinogens.

**3. FIRST AID MEASURES**

If poisoning is suspected, immediately contact a physician, the nearest hospital, or the nearest Poison Control Center. Tell the person contacted the complete product name, and the type and amount of exposure. Describe any symptoms and follow the advice given.

**Ingestion:** Immediately call a poison control center or doctor for treatment advice. Do not induce vomiting unless directed to do so by a physician or poison control center. Have a person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person.

**Eye Contact:** Hold eye open and rinse slowly and gently with water for 15-20minutes.

Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Skin Contact:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-

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20 minutes. Call a poison control center or doctor for treatment advice.

**Inhalation:** Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

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#### **4. FIRE FIGHTING MEASURES**

##### **Fire and Explosion**

Flash Point: Not available.

Flammable Limits (% in Air): Not Available

Autoignition Temperature: Not available.

##### **In Case of Fire**

Use dry chemical, foam, water spray, or CO<sub>2</sub>, extinguishing media. Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes, or products of combustion.

Prevent use of contaminated buildings, area, and equipment until decontaminated.

##### **Unusual Fire, Explosion and Reactivity Hazards**

Like all organic and most dry chemicals, as a powder or dust, this product (when mixed with air in critical proportions and in the presence of an ignition source) may present an explosion hazard.

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#### **5. ACCIDENTAL RELEASE MEASURES**

##### **In Case of Spill or Leak**

Wear chemical goggles, rubber gloves, rubber boots, long-sleeved shirt, long pants, head covering and a NIOSH-approved chemical cartridge respirator with pesticide prefilter, or air supplied respirator. Sweep up and place in an appropriate closed container. No sparking tools should be used. Avoid creation of dusty conditions. Clean up residual material by washing area with water and detergent. Collect washings for disposal.

Decontaminate tools and equipment following cleanup. Do not allow wash water to contaminate water supplies.

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#### **6. HANDLING AND STORAGE**

Do not store in or around the home. Store unused product in a cool, ventilated, dry, locked area out of the reach of children and domestic animals. Never transfer this product to another container for storage. Do not store food, beverages, or tobacco products in the storage area. Prevent eating, drinking, tobacco usage, and cosmetic application in areas where there is a potential for exposure to the material. Always wash thoroughly after handling.

To avoid eye contact, wear chemical safety glasses or goggles.

To avoid skin contact, wear rubber gloves, rubber boots, long-sleeved shirt, long pants and head covering. Discard heavily contaminated articles that cannot be washed.

To avoid breathing spray or mist, wear a NIOSH-approved chemical cartridge respirator with organic vapor cartridge and pesticide prefilter or air-supplied respirator.

Do not enter or allow worker entry into treated areas during the restricted entry interval of 12 hours.

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## 7. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering controls:** Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures: general area dilution/exhaust ventilation.

**Personal protection:** Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z 87 approved equipment should be selected for the particular use intended for this material. Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles. An emergency eye wash must be readily accessible to the work area. Applicators and other handlers must wear long-sleeved shirts and long pants, waterproof gloves, shoes plus socks and chemical resistant headgear for overhead exposure. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

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## 8. PHYSICAL & CHEMICAL PROPERTIES

Appearance: Light brown liquid  
Odour: Characteristic  
pH value: 5-8

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## 9. STABILITY & REACTIVITY

Reactivity  
Stability: Stable in buffered solutions at pH 4, 5, 7.  
Stable under sunlight.  
Hazardous Polymerization: Will Not Occur  
Conditions to Avoid: Strong alkaline

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## 10. TOXICOLOGICAL INFORMATION

### Acute Toxicity /Irritation Studies (tech)

**Oral:** LD<sub>50</sub> for rats >2000 mg/kg body weight  
**Dermal:** LD<sub>50</sub> for rat > 2000 mg/kg body weight  
**Inhalation:** Inhalation LC<sub>50</sub> (Rat) > 3.17 mg/L air - 4 hours  
**Eye Contact:** Non-irritating (Rabbit)  
**Skin Contact:** Non-irritating (Rabbit)  
**Sensitization:** Non-sensitizing (Guinea pig)

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## 11. ECOLOGICAL INFORMATION

Product is moderately toxic to birds and fish.  
**Birds:** Acute oral LD<sub>50</sub> for mallard ducks 190mg/kg.  
**Fish:** LC<sub>50</sub> (24-96 h) for carp > 100mg/L.  
**Daphnia:** LC<sub>50</sub> (3-6 h) > 1000mg/L

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## 12. DISPOSAL CONSIDERATIONS

Do not contaminate water, food, or feed by disposal. Contamination with this product will render

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water, food or feed unfit for human or animal consumption. Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. If burned, stay out of smoke.

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### **13. TRANSPORT INFORMATION**

DOT/IATA/IMO:

UN No.: 1993

Proper shipping name: Liquids, n.o.s. (Contains Abamectin and Acetamiprid)

Class: 3

PG: II

**Do not transport with food and feedstuffs.**

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### **14. REGULATORY INFORMATION**

**Hazard symbol** Xn

**Risk Phrases**

R 22: Harmful if swallowed

R 52/53: Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment

**S Phrases**

S 1/2: Keep locked up and out of the reach of children

S 36/37/39: Wear suitable protective clothing

S 45: In case of accident or if you feel unwell, seek medical advice immediately

S 60: This material and its container must be disposed off as hazardous waste

S-61: Avoid release to the environment. Refer to special instructions/ safety data sheets

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### **15. OTHER INFORMATION**

The information contained in the Material Safety Data Sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as a warranty or as a specification.

The information relates only to the product specified and may not be suitable for with other materials or in processes other than those specifically described herein.

Supplier makes no warranty, express or implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions. We disclaim all liability for injury or damage stemming from any improper use of the material or product described herein.

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