

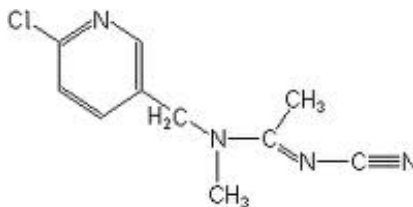
**MATERIAL SAFETY DATA SHEET**

**Acetamore 20 % SP**

**SECTION (1.) IDENTIFICATION OF THE SUBSTANCE**

Trade Name : Acetamore  
 Common Name : Acetamiprid  
 Chemicalname : *N*-[(6-chloro-3-pyridyl)methyl]-*N'*-cyano-*N*-methyl-acetamidine

CAS No : 160430-64-8  
 Formula : C<sub>10</sub>H<sub>11</sub>ClN<sub>4</sub>  
 Structure :



**SECTION( 2.) COMPOSITION/INFORMATION ON INGREDIENTS**

CONTENTS	TYPE OF FORMULATIONS		SP
	Common Name	Concentration	Total
ACTIVE INGREDIENT	Acetamiprid	20%	20%
INERT INGREDIENT	Other	80%	80%
<b>TOTAL</b>			<b>100%</b>

**SECTION( 3.) HAZARDS IDENTIFICATION**

**Effect of overexposure**

Breathing of dust or spray mist and contact with eyes, skin and clothing should be avoided.

#### **SECTION (4).FIRST AID MEASURES**

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<b>Eye</b>	Hold eye open and rinse slowly and gently with water for 15-20 Minutes. Remove contact lenses, if present, after 5 minutes ,then Continue rinsing eyes.
<b>Skin</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.
<b>Ingestion</b>	Do not give any liquid for the person. Do not induce vomiting unless told to do so by a poison control centre or doctor . Do not give any thing by mouth to an unconscious person.
<b>Inhalation</b>	Move person to fresh air. If person is not breathing call an ambulance,Then give artificial respiration, preferably mouth-to-mouth if possible.

#### **NOTES TO PHYSICIAN:**

No antidote is available. Treat patient symptomatically.

#### **SECTION (5.)FIRE FIGHTING MEASURES**

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**Extinguishing media**      Foam , Carbon dioxide , Dry chemical or water spray(fog)

#### **SECTION (6).ACIDENTAL RELEASE MEASURES**

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Isolate area. Use recommended protective equipment while carefully sweeping up and place in covered container for re-use if possible. Scrub contaminated area with soap and water. Repeat & rinse with water. Prevent contamination of waterways

#### **SECTION (7).HANDLING AND STORAGE**

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Store the material in well- ventilated, secure area out of reach of children and animals. Do not store food, drink in areas where they may become contaminated with this material. Wash thoroughly after contact the material. Do not contaminate waterways . The material should be kept in the original container, well sealed, in a cool & dry place, and stored under lock& key.

**SECTION( 8.)EXPOSURE CONTROL/PERSONAL PROTECTION**

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- Ingestion** : Prevent eating, drinking, tobacco usage and cosmetic application in  
in  
Areas where there is a potential for exposure to the material.  
Always wash thoroughly with soap & water after handling
- Eye protection** : To avoid eye contact, wear chemical splash goggles. Facilities storing  
storing  
Or utilizing this material should be equipped with an eye wash Facility and a safety shower.
- Skin protection** : To avoid skin contact wear chemical-resistant(such as nitrile or Butyl)gloves, coveralls, socks &chemical-resistant footwear.  
For overhead exposure, wear chemical-resistant headgear.
- Inhalation** Use process, enclosures, local exhaust ventilation
- First Aid** :- No characteristic symptoms demonstrated
- Ingestion Induce vomiting
  - Skin Remove clothing &wash with water and soap
  - Inhalation Move to open air and apply artificial respiration

**SECTION (9.) PHYSICAL AND CHEMICAL PROPERTIES**

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- Appearance** Pale blue soluble powder
- PH** 7 - 9
- Bulk density** 1.3 gm/cm<sup>3</sup> ( CIPAC F p.11 MT 3 )
- Persistent foam** 8 ml after 1 min.
- Wet sieve test (on 75um sieve)** 98% pass / 2% return
- Wetting time** 3 Sec. ( CIPAC F p.160 MT 53 )

**SECTION( 10.)STABILITY AND REACTIVITY**

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- Chemical Stability** Stable at normal temp.& storage conditions
- Condition to avoid** Heat , light
- Materials to avoid** Strong oxidizing agents
- Polymerization** Polymerization will not occur

**SECTION (11.) TOXICOLOGICAL INFORMATION**

Acute toxicity	Animal	LD50 mg/ kg body weight	
		Tech.	Form.
Oral	rat	Male(217 mg/kg) Female(164 mg/kg)	Male(1085 mg/kg) Female(820 mg/kg)
Dermal	rat	>2000 mg/kg	>10000 mg/kg
Inhalation mg/m <sup>2</sup> /2H	rat	>0.29 mg/l air	>1.45 mg/l air

**Acute oral:** LD<sub>50</sub> for male rats 217, female rats 146, male mice 198, female mice 184 mg/kg.

**Skin and eye:**

Acute percutaneous LD<sub>50</sub> for male and female rats >2000 mg/kg. Non-irritating to skin and eyes (rabbits). Not a skin sensitiser (guinea pigs).

**Inhalation:** LC<sub>50</sub> (4 h) for male and female rats >0.29 mg/l.

Reproductive/development effect, Chronic/Sub-chronic, Carcinogenicity: None observed.

**Other toxicity information:** Toxicity class : WHO (A.I.) II

**SECTION (12.) ECOLOGICAL INFORMATION**

**Birds:** LD<sub>50</sub> for bobwhite quail 180 mg/kg. LC<sub>50</sub> for bobwhite quail >5000 ppm.

**Fish:** LC<sub>50</sub> (24-96 h) for carp >100 mg/l.

**Daphnia:** LC<sub>50</sub> (24 h) >200 mg/l.

**Algae:** EC<sub>50</sub> (72 h) >98.3 mg/l; NOEC (72 h) 98.3 mg/l.

**SECTION (13.) DISPOSAL INSTRUCTION**

Do not contaminate water, food, or feed by storage or disposal. Pesticide wastes are acutely hazardous. Triple rinse (or equivalent) the container. Then offer for recycling.

**SECTION (14.) TRANSPORT INFORMATION**

Considered non-hazardous for transport. UN Hazard Class : 6.1., transported or stored in clearly labelled rigid and leak proof containers, under lock & key, secure from access by Unauthorized persons and children. No food or drink; should be transported or stored in the same compartment.

## **SECTION (15). REGULATORY INFORMATION**

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### **CAUTION RECOMMENDATIONS:**

Do not ingest

Keep out of the reach of children and pets

Keep away from foodstuffs, feeds and beverages; do not contaminate foodstuffs, feeds, beverages and their receptacles while using the product.

Avoid contact with eyes and skin

Use suitable protective gloves while handling the product

After handling and in case of contamination wash thoroughly with soap and water

Hide the baits in those places where people or pets are

After treatment destroy the baits left or store them in a safe place

## **SECTION( 16.) OTHER INFORMATION**

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**Special recommendations for usage:** it is the responsibility of each operator to secure the protection of workers on workplace and to use the product according to sound working practices, particularly according to the instructions given by the competent health authorities so as to secure health and safety of third parties.