



Material Safety Data Sheet

ACETAMIPRID 20% SL

SECTION 1. CHEMICAL IDENTIFICATION

Chemical Name	Acetamiprid
IUPAC Name	(E)- N1-[(6- chloro- 3- pyridyl) methyl]- N2- cyano- N1-methylacetamidine
Chemical Family	Neonicotinoid
Chemical Formulation	C ₁₀ H ₁₁ ClN ₄

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS No.	Content
Acetamiprid	135410- 20- 7	200 g/liter
Other inert ingredients	(non hazardous)	balance to 1 liter

SECTION 3. HAZARDS IDENTIFICATION

Emergency Overview

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

Immediate Effects

Eye Avoid contact with eyes.

Skin Harmful if absorbed through skin. Avoid contact with skin or clothing.

Inhalation Harmful if inhaled. Avoid breathing dust or spray mist.

Aggravated by Exposure

Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis. Skin contact may aggravate existing skin disease.



Signs and Symptoms

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

SECTION 4. FIRST AID MEASURES

Eye

Hold eye open and rinse slowly and gently with water for 15- 20 minutes. 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

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15- 20 minutes. Call a poison control center or doctor for treatment advice.

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.

Inhalation

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth- to- mouth if possible. Call a poison control center or doctor for further treatment advice.

Note to Physician

There is no specific antidote. All treatment should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred.

SECTION 5. FIRE FIGHTING MEASURES



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Flash Point Not Applicable
Explosiveness Not explosive
Fire and Explosion Hazards None

Suitable Extinguishing Media

Dry chemical, alcohol foam, water spray, carbon dioxide (CO₂)

Fire Fighting Instructions

Firefighters should wear NIOSH/ MSHA approved self-contained breathing apparatus and full protective clothing. Keep unnecessary people away, isolate hazard area and deny entry. Stay upwind if possible. Keep out of low areas. Persons who may have been exposed to contaminated smoke should be immediately examined by a physician and checked for symptoms of poisoning. The symptoms should not be mistaken for heat exhaustion or smoke inhalation.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Land Spill or Leaks

Containment of Spill: Stop leak if it can be done without risk. Follow procedure under Cleanup and Disposal of Spill. Environmental and Regulatory Reporting: Do not flush to drain. If spilled on the ground, the affected area should be scraped clean and placed in an appropriate container for disposal. Prevent material from entering public sewer system or any waterway.

SECTION 7. HANDLING AND STORAGE

Handling Procedures

Personnel handling this product should be thoroughly trained as to its hazards. Use nonsparking tools and grounded/ bonded equipment and containers when transferring. Do not ingest. Do not breathe dust or mists. Avoid getting material on clothing. Use handling, storage and disposal procedures that will prevent contamination of water, food or feed.



Storage conditions

Do not store in or around the home. Store unused product in a cool, ventilated, dry, locked area. Never transfer this product to another container for storage. Do not allow prolonged storage in areas where temperatures frequently exceed 46 C.

SECTION 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Engineering Controls

When handlers used closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [(40 CFR 170.240(d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS. 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.

Eye/ Face Protection

Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 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. Emergency eyewash must be readily accessible to the work area.

Body Protection

Applicators and other handlers must wear long-sleeved shirts and long pants, waterproof gloves, shoes plus socks and chemical resistant headgear for overhead exposure.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Off-white to light yellow liquid
Physical State	Liquid
Odor	No odor determined.



PH	6.95
Vapor Density (air = 1)	Not Available
Density	1.09
Boiling Point	Not Available
Melting/ Freezing Point	Not Available
Solubility (in water)	Soluble liquid
Other Information	Physical and Chemical properties here represent typical properties of this product.

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability	This material is stable under normal handling and storage conditions described in Section 7.
Conditions to Avoid	None known
Incompatibility	Strong bases Strong acids Strong oxidizing agents
Hazardous Polymerization	Will not polymerize.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Rat: LD50: 1939 mg/kg
Acute Dermal Toxicity	Rabbit: LD50: > 2000 mg/kg
Acute Inhalation Toxicity	Rat: LC50 (4 h): > 2.88 mg/L
Skin Irritation	Rabbit: Slightly irritating
Eye Irritation	Rabbit: Slightly irritating
Sensitization	Guinea pig: Not a sensitizer

Chronic Toxicity

In long term animal feeding studies there was no evidence of carcinogenicity. Not considered a carcinogen or mutagen.



Reproductive & Developmental Toxicity

In reproductive and developmental studies in animals, there was no effect on reproduction. Not considered a reproductive toxicant.

SECTION 12. ECOLOGICAL INFORMATION

Environmental Precautions

This product is toxic to wildlife. This product is toxic to bees exposed to direct treatment. Do not apply this product while bees are actively visiting the treated area. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Do not contaminate water used for irrigation or domestic purposes.

Ecological Information

Bobwhite quail: LD50, 180 mg/kg

Carp: LC50, > 100 mg/l

Daphnia: LC50, > 100 mg/l

Soil micro-organisms: Acetamiprid use would pose minimal risk to soil micro-organisms

SECTION 13. DISPOSAL CONSIDERATIONS

General Disposal Guidance

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

Container Disposal

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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SECTION 14. TRANSPORT INFORMATION

Not regulated for transportation per DOT regulations.

SECTION 15. REGULATORY INFORMATION

TSCA 12b export notification None

SARA Title III - section 302 - notification and information None

SARA Title III - section 313 - toxic chemical release reporting None

EU Classification None

European Inventory of Existing Commercial Substances None

SECTION 16. OTHER INFORMATION

This information is provided in good faith but without express or implied warranty. Buyer assumes all responsibility for safety and use not in accordance with label instructions.