

MATERIAL SAFETY DATA SHEET

Section 1. Chemical Product and Company Identification

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TEL: 0086 512 58288290

Product Name: Acetamiprid TECH 97% MIN

Common Name: Acetamiprid

Chemical Name (IUPAC):

(E)-N-[(6-Chloro-3-pyridinyl)methyl]-N-cyano-N-methylethanimidamide

Section 2. Composition/Information on Ingredients

Component	CAS Number	Content (%)
Acetamiprid	135410-20-7	min 97%(w/w)
Other Ingredients	Not available	max 3%(w/w)

Section 3. Hazards Identification

Emergency Over View

Caution! Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or spray mist. Keep out of reach of children and domestic animals.

Routes of Exposure

Ingestion, Skin contact, Skin Absorption, Eye contact

Immediate Effects

Skin: Skin contact with Acetamiprid may cause skin irritation with discomfort or rash. Significant skin permeation and systemic toxicity after contact appear unlikely. There are no reports of human sensitization.

Eye: Eye contact with Acetamiprid may cause eye irritation with discomfort, tearing, or liver effects.

Ingestion: Based on data from animal testing, ingestion of large amounts may cause alterations in red blood cell counts and/or anemia, and spleen and liver effects.

Section 4. First Aid Measures

If swallowed: Call a physician immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the physician. Do not give anything by mouth to an unconscious person.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Call a physician for treatment advice.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Get medical attention if irritation develops.

If inhaled: Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a physician for further treatment advice.

Section 5. Fire Fighting Measures

Flammable properties: Flash point & method—Not determined

Flammable limits—Non established

Like most organic powders or crystals, under severe dusting conditions, this material may form explosive mixtures in air. Prevent human exposure to fire, smoke, fumes or products of combustion.

Extinguishing media: Dry Chemical, CO₂, Water Spray, Foam

If area is heavily exposed to fire, and conditions permit, let fire burn itself out since water may increase the area contaminated.

Fire fighting instructions: Wear self-contained breathing apparatus (SCBA) and full protective equipment.

Section 6. Accidental Release Measures

Personal precautions: Keep unauthorized people away. Isolate hazard area. Avoid contact with spilled product or contaminated surfaces.

Methods for cleaning up: Control the spill at its source. Sweep up material and place in a container for possible land application according to label use or for proper disposal. Check local, state regulations for proper disposal.

Caution: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Section 7. Handling and Storage

Handling Procedures: Handle and open container in a manner as to prevent spillage. Keep out of reach of children. It will irritate the eyes, nose, throat and skin. Avoid contact with eyes and skin. Do not inhale dust. If in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.

Storage Precautions: Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. When treated seed is stored it should be kept apart from other grain and the bags or other containers should be clearly marked to indicate the contents have been treated with this product. Do not allow seed treated with this product to contaminate seed intended for human or animal consumption. Bags that have held treated seed are not to be used for any other purpose. If the seed is not used immediately after treatment it should be stored in a dry, well-ventilated place.

Min/Max Storage Temperatures: Min Temp: No data

Max Temp: 46°C

Section 8. Exposure Controls/Personal Protection

Maintain exposure levels below the exposure limit through the use of general and local exhaust ventilation.

Eye/Face: Wear goggles. Wear a disposable mask if inhalation is possible.

Skin Protection: Wear cotton overalls buttoned to the neck and wrist and a washable hat if skin exposure is likely. Wear elbow-length PVC gloves.

Respiratory Protection: Wear self-contained breathing apparatus

Section 9. Physical and Chemical Properties

Colour: Off-White

Physical State: Powder

Odor: No characteristic odor

Melting Point: 98°C approximately

Water solubility: approximately 2.7 wt/wt %

pH value: 4-8

Flash point: Not applicable

Ignition temperature: Not applicable

Section 10. Stability and Reactivity

Chemical Stability: This material is stable under normal handling and storage conditions as described in the Handling and Storage Section.

Conditions to avoid: None known.

Incompatibility: Strong acids, strong bases, strong oxidizing agents

Hazardous decomposition products: Oxides of nitrogen and other unknown hazardous material may be formed in a fire situation. Oxides of carbon and/or other asphyxiants may be formed from incomplete combustion.

Hazardous polymerization: Will not occur.

Section 11. Toxicological Information

Acute oral toxicity: LD50 for rats...217mg/kg (male) 146mg/kg (female)

Acute dermal toxicity: LD50 for rabbit...> 2000 mg/kg

Acute inhalation toxicity: LC50 for rats...> 2.88 mg/14 h

Skin irritation: Slight skin irritation

Eye irritation: Mild eye irritation

Skin sensitization: No skin sensitization

Section 12. Ecological Information

Aquatic toxicity: No information is available.

Section 13. Disposal Considerations

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.

Section 14. Transport Information

The data provided in this section is for information only. Please apply the appropriate regulations.

CLASS: 6.1

PACKAGE: III

UN2588



Section 15. Regulator Information

Follow all regulations in your country.

Section 16. Other Information

Disclaimer: The information provided by SU ZHOU GREENLANDS CHEMICAL CO.,LTD contained herein is given in good faith and to the best of our knowledge. However, no warranty is expressed or implied.

Prepared by: Registration Department

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