

# MATERIAL SAFETY DATA SHEET

IN CASE OF EMERGENCY CALL CHEMTREC 1-800-424-9300  
OR NATIONAL PESTICIDE INFORMATION CENTER (NPIC) 1-800-858-7378

## 1. Identification of the substance/preparation and company/undertaking:

Product name: Abide®  
Use of preparation: Horticultural plant growth regulator for professional use  
Distributed by: Fine Americas, Inc.  
1850 Mt. Diablo Blvd., Suite 405  
Walnut Creek, CA 94596, USA  
Tel: 925-932-8800

## 2. Composition:

Chemical name: A soluble concentrate containing 0.0264% w/w ancymidol  
CAS No.: 12771-68-5 (active ingredient)  
EPA Reg. No.: 62097-22-82917

## 3. Hazards identification:

Toxicity category: III (EPA)

### Caution.

Harmful if swallowed or absorbed through skin. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Wear long sleeved shirt and long pants, socks, shoes, and chemical resistant gloves. Remove and wash contaminated clothing before reuse.

## 4. First aid measures:

After inhalation: If high concentrations are inhaled, and any irritation is experienced, remove to fresh air. Call a poison control center or doctor for treatment advice if irritation persists.

After skin contact: 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.

After eye contact: Immediately wash out with plenty of water for at least 15 minutes. Irrigate eyes thoroughly whilst lifting eyelids. Call a poison control center or doctor for treatment advice.

After swallowing: Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

## 5. Fire fighting measures:

Flammability: Not flammable.  
Extinguishing media: Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions.

Fire fighting equipment:  
Special exposure hazards: Prevent run off water from entering drains if possible.



## 6. Accidental release measures:

Personal precautions:	Wear protective clothing as per section 8.
Environmental precautions:	Do not allow to enter public sewers and watercourses.
Methods for cleaning up:	Absorb spillage in inert material and shovel up. Ventilate the area and wash spill site after material pick-up is complete.

## 7. Handling and storage:

Handling:	<ul style="list-style-type: none"> <li>- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.</li> <li>- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.</li> <li>- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.</li> </ul>
Storage:	Avoid freezing. Store in original container only. In case of leak or spill, use absorbent materials to contain liquids and dispose as waste.

## 8. Exposure controls/personal protection:

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride, or viton

In California, applicators and other handlers must wear:

- Coveralls
- Chemical-resistant gloves made of any waterproof material, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton
- Shoes plus socks

## 9. Physical and chemical properties:

General information

- Appearance: Clear colorless liquid
- Odor: Odorless

Important health, safety and environmental information

- pH: 7.5
- Boiling point: ~100°C
- Flash point: Does not flash below 100°C
- Flammability: Not determined
- Explosive properties: Not explosive
- Oxidizing properties: Not oxidizing
- Vapor pressure: Not determined
- Relative density: 1.00 g/ml at 20°C
- Solubility
  - water solubility @ 20°C: Completely soluble
  - fat solubility: Not miscible in hydrocarbon oil
- Viscosity: 1.59 mPa.s at 20°C

## 10. Stability and reactivity:

Stable in original containers for at least 2 years at ambient temperatures.

Conditions to avoid:	Excessive heat
Materials to avoid:	Not determined
Hazardous decomposition products:	Not determined

## 11. Toxicological information:

Acute toxicity:	
• Oral:	LD <sub>50</sub> rat: category 3 > 2 000 mg/kg
• Inhalation:	LC <sub>50</sub> rat: category 4 >5.31 mg/l
• Dermal:	LD <sub>50</sub> rat: category 3 >2 000 mg/kg

Irritation:	
• Eye:	Non-irritant
• Skin:	Non-irritant
• Respiratory tract:	Non-irritant

Sensitization:	
• Skin:	Non-sensitizing

Carcinogenicity:	No data
Mutagenicity:	No data
Reproductive toxicity:	No data
Chronic toxicity:	No data

## 12. Ecological information:

Ecotoxicity:	On available data, substance is not harmful to aquatic life.
Mobility:	Completely soluble in water.
Persistence and biodegradability:	No information available.
Bioaccumulation potential:	No information available.

## 13. Disposal considerations:

Product disposal:	Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
Packaging disposal:	<p>Nonrefillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state.</p> <p>Triple rinse as follows: For quart and 2.5 gallon containers, empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times. For 30 gallon containers, empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring that at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning or puncture and dispose of in sanitary</p>

landfill or by incineration, or, if allowed be State and local authorities, by burning. If burned, stay out of smoke.

#### 14. Transport information:

UN number:	Not applicable
NMFC number:	101685
Class:	065
Proper shipping name:	Plant growth inhibitor, modifier or regulator
Packaging group:	Not applicable
Marine Pollutant:	Not applicable
Other applicable information:	Not applicable

#### 15. Regulatory information:

This Material Safety Data Sheet does not constitute a workplace risk assessment.

Classification and labelling:	Not classified as hazardous for supply
Symbol(s):	Not applicable
Risk phrases:	Not applicable
Safety phrases:	Not applicable
Specific provisions:	None

#### 16. Other information:

For further information on the product and product use, refer to the product label.

This version supersedes previous version (August 2008 version # 3). Prepared by Fine Americas, Inc. on the basis of the best available data. No representation is given that the information provided is complete in all respects.