

## SAFETY DATA SHEET

<b>1. Identification:</b>	
Product identifier:	Abide <sup>®</sup>
Distributed by:	Fine Americas, Inc. 1850 Mt. Diablo Blvd., Suite 405, Walnut Creek, CA 94596, USA Tel: 925-932-8800
Emergency phone number:	Chemtrec 1-800-424-9300
Recommended use:	Ornamental plant growth regulator
EPA reg. number:	62097-22-82917
<b>2. Hazard(s) identification (as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200):</b>	
Signal word/symbol - none	
<p><b>PRECAUTIONARY STATEMENTS</b>            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.</p> <p><b>HAZARD STATEMENTS</b>  <b>Environmental Hazards</b>            Prevent run off water from entering drains if possible. Do not apply directly to water or 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 washwaters or rinsate.</p> <p><b>Physical Hazards</b>            Avoid excessive heat.</p>	
<b>3. Composition/information on ingredients:</b>	
Chemical name:	Ancymidol
Concentration:	0.0264%
CAS number:	12771-68-5 (active ingredient)
<b>4. First aid measures:</b>	
If swallowed:	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.
If on skin or clothing:	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.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>5. Fire-fighting measures:</b>	
Extinguishing media:	Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions.
Specific hazards:	Prevent run off water from entering drains if possible.
Protective equipment:	Wear full protective clothing and self-contained breathing apparatus.
<b>6. Accidental release measures:</b>	
Personal precautions:	Refer to Section 8 "Exposure Controls/Personal Protection"
Methods for cleaning up:	In case of leak or spill, use absorbent materials to contain liquids and dispose as waste.  Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
<b>7. Handling and storage:</b>	
<b>KEEP OUT OF REACH OF CHILDREN</b>	
Precautions for safe handling:	Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 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.
Conditions for safe storage:	Do not contaminate water, food or feed by storage or disposal.

	Avoid freezing. Store in original container only.
<b>8. Exposure controls/personal protection:</b>	
Exposure limit:	OSHA PEL: Not listed ACIGH TLV: Not listed
Engineering controls:	No applicable information available.
Individual protection measures:	Applicators and other handlers must wear: <ul style="list-style-type: none"> <li>• Long-sleeved shirt and long pants</li> <li>• Shoes plus socks</li> <li>• Chemical-resistant gloves made of any waterproof material, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton</li> </ul> Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.
Individual protection measures In California:	<ul style="list-style-type: none"> <li>• Coveralls</li> <li>• Chemical-resistant gloves made of any waterproof material, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton</li> <li>• Shoes plus socks</li> </ul> For washables, use detergent and hot water. Keep and wash PPE separately from other laundry.
<b>9. Physical and chemical properties:</b>	
Appearance:	Clear colorless liquid
Odor:	Odorless
Odor threshold:	No applicable information available
pH:	7.5
Melting point/freezing point:	No applicable information available
Boiling point:	~100°C
Flash point:	Does not flash below 100°C
Evaporation rate:	No applicable information available
Flammability:	Not flammable
Explosive limits:	Not explosive
Vapor pressure:	No applicable information available
Vapor density:	No applicable information available
Relative density:	1.00 g/ml at 20°C
Solubility(ies):	Water: @ 20°C Completely soluble Fat: Not miscible in hydrocarbon oil
Partition coefficient:	No applicable information available
Auto-ignition temperature:	No applicable information available
Decomposition temperature:	No applicable information available
Viscosity:	1.59 mPa.s at 20°C
<b>10. Stability and reactivity:</b>	
Reactivity:	No applicable information available
Chemical stability:	Stable in original containers for at least 2 years at ambient temperatures.
Hazardous reactions:	No applicable information available
Conditions to avoid:	Excessive heat
Incompatible materials:	No applicable information available
Hazardous decomposition products:	No applicable information available
<b>11. Toxicological information:</b>	
Routes of exposure/acute toxicity	
Oral:	LD <sub>50</sub> rat: >2 000 mg/kg
Inhalation:	LC <sub>50</sub> rat: >5.31 mg/l
Dermal:	LD <sub>50</sub> rat: >2 000 mg/kg
Irritation	
Eye:	Non-irritant
Skin:	Non-irritant
Respiratory tract:	Non-irritant
Sensitization	

Skin:	Non-sensitizing
Carcinogenicity:	No applicable information available
Mutagenicity:	No applicable information available
Reproductive toxicity:	No applicable information available
Chronic toxicity:	No applicable information available
NTP/IARC/OSHA listing(s):	No applicable information available

**12. Ecological information:**

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

**13. Disposal considerations:**

**Pesticide disposal:**

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container disposal:**

5 gallons or less: Non-refillable 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. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: 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.

Greater than 5 gallons: 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. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: 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 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, if available, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**14. Transport information:**

UN number:	Not applicable
Proper shipping name:	Plant growth inhibitor, modifier or regulator
Class:	Not applicable
Packaging group:	Not applicable
NMFC number/class:	101685/65
Marine pollutant:	Not applicable

**15. Regulatory information:**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

EPA signal word:	CAUTION
Precautionary statements:	KEEP OUT OF REACH OF CHILDREN. HAZARDS TO HUMANS AND DOMESTIC ANIMALS. <b>CAUTION.</b> Harmful if swallowed or absorbed through the 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.
Pictograms/Symbols:	None

**16. Other information:**

The information contained within this SDS is correct to the best of Fine Americas' knowledge at the time of preparation. It does not purport to be an exhaustive assessment. 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. Fine Americas assumes no responsibility for any incidental or consequential damages arising from the use of this data and expressly disclaims any liability for loss, injury, damages or expenses arising from any failure to take into account the information or advice contained in this document.

This SDS does not replace or modify the EPA-approved product labelling (attached to the product container). It is a violation of federal law to use a pesticide product in any manner not prescribed on the EPA-approved label.

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