

MATERIAL SAFETY DATA SHEET

24 HOUR EMERGENCY TELEPHONE CHEMTREC 1-800-424-9300

1. Identification:

Product identifier:	Concise [®]
Recommended use:	Ornamental plant growth regulator
EPA Reg. No.:	62097-18-82917
Distributed by:	Fine Americas, Inc. 1850 Mt. Diablo Blvd., Suite 405, Walnut Creek, CA 94596, USA Tel: 925-932-8800

2. Hazard(s) identification:

EPA classification:	IV
EPA signal word/precautionary statement:	KEEP OUT OF REACH OF CHILDREN

3. Composition:

Chemical name and concentration:	Solution containing 0.055% w/w uniconazole-p
CAS No.:	83657-17-4 (active ingredient)

4. First aid measures:

No applicable information available.

5. Fire fighting measures:

Extinguishing media:	Use water mist, CO ₂ , foam or dry chemical.
Specific hazards:	Avoid inhalation of combustion products. Normal combustion forms CO ₂ , water vapor and may produce oxides of nitrogen. Toxic chlorine compounds. Incomplete combustion can produce carbon monoxide.
Protective equipment:	No applicable information available.

6. Accidental release measures:

Personal precautions:	Refer to Section 8 "Exposure controls/personal protection"
Methods for cleaning up:	Clean up spill immediately. Absorb spill with inert material (such as dry sand or earth), the place in a chemical waste container. Wash area with soap and water. Pick up wash liquid with additional absorbent and place in a chemical waste container. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

7. Handling and storage:

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. Do not contaminate water when disposing of equipment washwaters.
Conditions for safe storage:	Do not contaminate water, food or feed by storage or disposal. Keep containers tightly closed when not in use. Store in cool, dry place. Protect from temperatures below 32°F. This product may freeze. If freezing should occur, thaw and shake gently to unify product. Do not store diluted product.

8. Exposure controls/personal protection:

Exposure limit:	No applicable information available.
Engineering controls:	No applicable information available.
Individual protection measures:	Applicators and other handlers must wear: <ul style="list-style-type: none"> • Long-sleeved shirt and long pants • Shoes plus socks <p>Follow manufacturer's instructions for cleaning/maintaining PPE. If</p>

	no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry..
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9. Physical and chemical properties:

Appearance:	Colorless solution with a slight yellowish tinge
Odor:	Slight 'soapy' odor
Odor threshold:	No applicable information available.
pH:	6.3
Melting point/freezing point:	No applicable information available.
Boiling point:	No applicable information available.
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 (@ 20°C):	1.014 g/ml
Solubilities:	
Water solubility @ 20°C:	Miscible in water
Fat solubility:	Not miscible with oil
Partition coefficient:	No applicable information available.
Auto-ignition temperature:	No applicable information available.
Decomposition temperature:	No applicable information available.
Viscosity:	2.21 mpas at 20°C

10. Stability and reactivity:

Reactivity:	No applicable information available.
Chemical stability:	Stable in original containers for at least 2 years at ambient temperatures.
Conditions to avoid:	Excessive heat. Do not store at temperatures below 32°F.
Incompatible materials:	Stable in original containers for at least 2 years at ambient temperatures.
Hazardous decomposition products:	Stable in original containers for at least 2 years at ambient temperatures.

11. Toxicological information:

Routes of exposure/acute toxicity	
Oral:	LD ₅₀ rat: Category 4: >5000 mg/kg
Inhalation:	LC ₅₀ (4 h) Rat >4.53 mg/l, Category 4
Dermal:	LD ₅₀ rat: Category 4: >5000 mg/kg
Irritation	
Eye:	Non irritant
Skin:	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:	No applicable information available.
Mobility:	No applicable information available.
Persistence and biodegradability:	No applicable information available.
Bioaccumulation potential:	No applicable information available.

13. Disposal considerations:

Pesticide disposal:	Do not contaminate water when disposing of equipment washwaters. Do not contaminate water, food or feed by storage or 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 or refill this container. 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 $\frac{1}{4}$ 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. Then offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Greater than 5 gallons: Non-refillable container. Do not reuse or refill this container. 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 $\frac{1}{4}$ 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
NMFC number:	101685
Class:	065
Proper shipping name:	Plant growth inhibitor, modifier or regulator
Packaging group:	Not applicable
Marine Pollutant:	Not applicable

15. Regulatory information:

Chemical name:	Uniconazole-p
FIFRA hazards statement:	Refer to Section 2 "Hazard(s) Identification"
Signal word:	None
Symbol:	None

16. Other information:

For further information on the product and product use, refer to the product label. This version supersedes all previous versions. 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.

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