

MATERIAL SAFETY DATA SHEET

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

Preparation name: Concise™
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/information on ingredients:

Product: A solution comprising:
(E)-(+)-(S)-1-(4-chlorophenyl)-4,4-dimethyl-2-(1,2,4-triazol-1-yl)-
pent-1-ene-3-ol
Cas No: 83657-17-4
Einecs No:
EPA Reg. No: 62097-18-82917
Hazardous Ingredients: Uniconazole-P
Classification: R36, Irritating to the eyes (*technical only*)
Concentration: 0.055%

3. Hazards identification:

Category IV (EPA, US)

4. First aid measures:

If swallowed: Call a poison control center or doctor 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 a poison control center or doctor. 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. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

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.

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

Flammability: None

Extinguishing Media: Use water mist, CO₂, foam or dry chemical.

Special exposure hazards: Avoid inhalation of combustion products.

Fire Fighting Equipment: Wear full protective clothing and self-contained breathing apparatus.

Products of combustion and decomposition : Normal combustion forms CO₂, water vapour and may produce: Oxides of nitrogen. Toxic chlorine compounds. Incomplete combustion can produce carbon monoxide.

5. Accidental release measures:

Personal precautions: See Section 7 Exposure controls/ personal protection

Environmental precautions: Prevent contaminated water from entering drains. Contain spilled liquid with dry sorbents.

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.

6. Handling and storage:

Handling: Keep in original container. Do not store or transport near food or feed. Do not contaminate food or feed, Do not put concentrate into food or drink containers. Do not dilute concentrate in food or drink containers.

Storage: Store in a cool, dry place, out of direct sunlight. Do not store at temperatures below 32^oF. If the product is exposed to temperatures below 32^oF, thaw at room temperature to 50^oF or warmer and shake gently to unify the product.

7. Exposure controls/personal protection:

- Exposure controls: To avoid risks to man and the environment comply with instructions for use. Also see Section 13, Regulatory Information.
- Occupational exposure controls:
- Respiratory protection: Use this material in well ventilated areas. Unless ventilation is adequate to keep airborne concentrations below recommended exposure standards, approved respiratory protection should be worn.
 - Eye protection: No eye protection should be needed.
 - Skin protection: Avoid contact with skin or clothing. Skin contact should be minimized by wearing protective clothing including gloves.

8. Physical and chemical properties:

- General Information:
- Appearance: Transparent colorless solution with a slight yellowish tinge and a very slight opalescent appearance
 - Odor: Not data available
- Important health, safety and environmental information:
- pH: 6.26
 - Boiling point: No data available
 - Flash point: None
 - Explosive properties: No data available
 - Oxidizing properties: No data available
 - Vapor pressure: No data available
 - Relative density (@20°C): 1.014
 - Solubility
 - water solubility @20°C: Miscible in water
 - fat solubility: No data available
 - Partition coefficient: No data available
 - Viscosity: No data available
 - Vapor density (air=1): No data available
 - Evaporation rate (BuAc=1): No data available
- Other information: None

9. Stability and reactivity:

Stable under normal handling conditions. Do not store at temperatures below 32°F

Acute toxicity:

- Oral: LD₅₀ rat: >5000 mg/kg
- Inhalation: LC₅₀ (4 h) Rat >4.53 mg/l, Category IV (EPA, US)
- Dermal: LD₅₀ rat: >5000 mg/kg

Irritation:

- Eye: Non-irritant
- Skin: Non-irritant
- Respiratory tract: No data available

Sensitisation:

- Skin: Non-sensitizing.

Carcinogenicity: No data available

Mutagenicity: No data available

Reproductive tox: No data available

Chronic tox: No data available

10. Ecological information:

No data available.

11. Disposal considerations:

End users must dispose of any unused product as per the label recommendations.

Disposal methods: Check country, federal, state and local environmental regulations for approved disposal of this material. Dispose in accordance with applicable laws and regulations.

12. Transport information:

DOT Status:	Not regulated
UN number:	Not applicable
Class:	Not classified
Proper shipping name:	Uniconazole – P – 0.055% solution
Packaging group:	N/A
Marine Pollutant:	N/A
Other applicable information:	N/A

13. Regulatory information:

Symbol(s):	Xn harmful
Risk Phrases:	Category IV (EPA, US)
Safety Phrases:	S2 Keep out of the reach of children

14. Other information:

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

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.