

Material Safety Data Sheet

Avanti International
822 Bay Star Blvd.
Webster, TX 77598

Chemtrec Emergency Phone: 800-424-9300
Product Data Information: 281-486-5600
Fax: 281-486-7300

Product Identification

Product Name: AC-50W ROOT INHIBITOR

Composition/Ingredient Information

Ingredient Name / CAS Number	Exposure Limits	Concentration
2,6-Dichlorobenzonitrile (Dichlobenil) CAS #119-46-56	OSHA: Not Established ACGIH: Not Established	50%
Kaolin Clay CAS #1332-58-7	OSHA PEL: 5mg/m ³ R ACGIH TLV: 2mg/m ³ R	36.6%
Quartz CAS #14808-60-7	OSHA PEL: 0.1 mg/m ³ ACGIH TLV: 0.05 mg/m ³	<2%

Hazards Information

Primary Route(s) of Entry: Contact, inhalation, and ingestion.

Health Hazards: Do not eat, drink, or smoke when handling product. Avoid contact with skin, eyes, and clothing.

Eye Contact: Contact may cause irritation.

Skin Contact: Contact may cause skin irritation. May be harmful if absorbed through the skin.

Ingestion: May cause irritation to the gastrointestinal tract. May be harmful if swallowed.

Inhalation: May cause irritation to the respiratory tract.

First Aid Measures

Eyes: Flush with clean water for 10-15 minutes, holding lids open. If irritation persists, seek medical attention.

Skin: Bathe and shampoo with soap and water to remove chemicals from skin and hair. If irritation persists, seek medical attention. Launder contaminated clothing separately prior to reuse.

Inhalation: Remove victim to fresh air. Apply artificial respiration if needed. If irritation persists, seek medical attention.

Ingestion: Call physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting. Get medical attention.

Fire and Explosion Hazards

Flash Point: Not determined

Flammable Limits: Not determined

Lower Explosive Limit: Not determined

Upper Explosive Limit: Not determined

Extinguishing Media: Foam, CO₂, dry chemical, or water.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Extreme heat may release chloride and nitrogen oxide gases. Runoff from fire control may cause pollution to surface water. If pollution occurs, notify local authorities.

Accidental Release Measures

Spill or Leak Procedures: Do not touch spilled material. Wear all appropriate personal protective equipment during cleanup. Contain and collect the spilled product for disposal. Cover and label the containers of the spilled product. Do not reuse empty container. Wash area with water if possible.

Storage and Handling

Storage: Store product in original container only and in a locked storage area. Do not reuse empty container.

Exposure Controls and Personal Protection

Respiratory Protection: Wear NIOSH approved respirator for airborne concentrations in excess of the applicable exposure limits in accordance with OSHA regulations.

Ventilation: Mechanical general/local exhaust to control vapor or mist below maximum exposure limits.

Protective Clothing: Wear long sleeves and pants; chemical-resistant gloves, and shoes with socks.

Eye Protection: Wear safety glasses or goggles.

Work/Hygienic Practices: Wash with soap and water after handling.

Physical and Chemical Properties

Appearance and Odor: Tan powder; aromatic.

Boiling Point: Not determined

Melting Point: Not determined

Evaporation Rate (Butyl Acetate = 1): Not determined

Vapor Density (Air = 1): Not determined

Specific Gravity (Water = 1): 0.0000

Solubility in Water: Wettable powder.

Stability and Reactivity

Stability: Stable in sealed containers.

Incompatibility (materials to avoid): Strong oxidizing agents, and/or extreme heat.

Decomposition/By-Products: Burning may produce chloride and nitrogen oxide gases.

Hazardous Polymerization: Will not occur.

Toxicological Information

Dermal LD₅₀: >2 g/kg body weight

Ecological Information

Do not apply directly to lakes, ponds, or streams. Do not contaminate water when disposing of equipment washwater. For terrestrial uses, 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 allow spray to drift onto nontarget crops or vegetation.

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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, 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.

Transport Information

Proper Shipping Name: Compound, NOI Tree or Weed Killing Compound (Herbicides)

Freight Class: Herbicides, NOI – NMFC #50320

Motor Class: 60

DOT Hazard Classification: None

Regulatory Information

OSHA Status: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status: This product is exempt from TSCA Regulation under FIFRA Section 3(2)(B)(ii) when used as a pesticide.

CERCLA Reportable Quantity: 200 pounds of the formulation which contains 100 pounds of Dichlobenil.

SARA Title III:

Section 302 Extremely Hazardous Substances: None

Section 311/312 Hazard Categories: Immediate Health Hazard, Delayed Health Hazard

Section 313 Toxic Chemicals: None

RCRA Status: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

Other Information

The information on this MSDS is accurate to the best of Avanti International's knowledge. Avanti International makes no expressed or implied warranty, and in no case shall be liable for consequential, special, or indirect damages resulting from the use or handling of this product.