

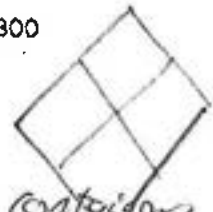
# Material Safety Data Sheet



Conness Co.  
198 SCR 450  
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Breckenridge, CO 80424

Technical Information: 1-800-530-8707  
CHEMTREC Transportation Emergency Phone: 1-800-424-9300

Date issued: 9/1/92



## IDENTIFICATION

powder form 1002 containers

Trade Name: ROO-PRU™ DCB 85W

CAS Number: 1194-65-6 (active)

UN Number: NA

Chemical Name:

Chemical Family: Benzotrile

2,6-dichlorobenzotrile

Inerts: ..... 90%

Common Name: Dichlobenil

10%

## SPECIAL REGULATORY HAZARDS

Ingredient	CAS No.	Exposure Limit	OSHA (1910.1200)
Calcium silicate	1344-95-2	10 mg/m <sup>3</sup> (ACGIH)	Nuisance particulate

Hazard Assessment: Based on available data.  
Transportation: NL

## PHYSICAL DATA

Appearance and Odor: White, powdery solid; aromatic odor

Solubility: Insoluble in water; soluble in most organic solvents

Melting Point: ND

Boiling Point: NA

Other Data: Bulk Density: 20-23 lbs./ft<sup>3</sup>

Specific Gravity: (H<sub>2</sub>O = 1): ND

Vapor Pressure: @ 20° C: NA

Vapor Density: (Air = 1): NA

Volatility: @ 70° F: Low

## FIRE AND EXPLOSION HAZARD DATA

Flash Point: 420°F (216°C) COC

Extinguishing Media: Water spray, dry chemical

Special Fire Fighting Procedures: Protect against inhalation of combustion products.

Unusual Hazards: May form explosive dust-air mixtures.

Autoignition Temp: 980° F (527°C)

Flammable Limits: 0.1170 oz./ft.<sup>3</sup>

## REACTIVITY DATA

Stability: Stable at ambient temperatures and pressures.

Incompatibility: Strong alkalis.

Decomposition Products: Active ingredient may hydrolyze to 2,6-dichlorobenzamide in alkaline/alcoholic solutions.

NA = Not Applicable

NE = Not Established

ND = Not Determined

NL = Not Listed

Conness Co. makes no representation or warranty with respect to the information in this Material Safety Data Sheet. The information is however, as of this date provided, true and accurate to the best of Conness Co.'s knowledge. This list of information is not intended to be all inclusive. Actual conditions of use and handling may require considerations of information other than or in addition to, that which is provided herein

## SPECIAL PROTECTION INFORMATION

**Engineering Controls:** Sufficient ventilation to minimize dust exposure. Protect closed dust handling systems against possible dust explosions. Avoid dust accumulations on building or equipment surfaces.

**Personal Protection Equipment:** Avoid all personal contact. Observe good personal hygiene. Impervious gloves, protective clothing and eye protection should be worn when handling. Launder clothing before reuse. In the absence of adequate ventilation, use NIOSH-certified pesticide cartridge respirator.

## STORAGE, SPILLS AND DISPOSAL INFORMATION

**Storage:** Store away from sources of direct heat in a dry area. Keep containers closed when not in use. See package label for details.

**Spills:** Sweep or vacuum up. Avoid creating dust. Shovel into secure containers for proper disposal. Use personal protective equipment as outlined above. Reportable Quantity - 100 lbs. (Dichlobenil)

**Disposal:** In accordance with any applicable local, state, or federal regulation regarding pesticidal waste.

**Environmental Information:** Tests on Bluegill, Rainbow Trout, and Large Mouth Bass demonstrate LC50 values between 15 and 30 ppm. Adult Quail LC50 = 1000 ppm. These data indicate that Dichlobenil is not toxic to these species.

## HEALTH RELATED DATA

**Specific Hazard(s):** No health hazards have been identified.

**Primary Route(s) of Entry:** Inhalation, skin absorption.

**First Aid Procedures:**  
**Eye Contact:** Flush with water for 15 minutes.  
**Skin Contact:** Wash thoroughly with soap and water.  
**Inhalation:** Remove to fresh air.

### Toxicology Information: DICHLOBENIL TECHNICAL

**Oral Toxicity:** LD50 (rats) - > 3.2 g/kg  
**Dermal Toxicity:** LD50 (rabbits) - > 2 g/kg  
**Inhalation Toxicity:** LD50 (rats) - > 5 mg/l  
**Irritation:** skin (rabbits) - negative

**Chronic:** The feeding to rats of up to 100 ppm Dichlobenil for two years did not produce significant adverse effects and no evidence of carcinogenicity. A three-generation reproduction study at up to 100 ppm daily demonstrated a no observable effect level of 20 ppm. The feeding to dogs of 20, 50 or 350 ppm Dichlobenil for two years demonstrated a no observable effect level of 50 ppm.

**Teratogenicity:** The dosing of mice with 60 mg/kg Dichlobenil had no effect on number of pregnancies, fetal number or fetal death.