

## Dicamba

Dicamba 98%Tech.,48%SL

**Common Name:** Dicamba

**Chemical Name:**3,6-dichloro-2-methoxybenzoic acid

**CAS Registration No.:**1918-00-9

**Specification:** Dicamba 98%Tech.: Active Ingredients Not less than 98%;  
48%SL Aqueous solution: Active Ingredients Not less than 48%.

### Physio-chemical Properties

**Appearance:** White crystals.

**Melting Point:** 114-116 degree centigrade

**Flash Point:** 150 degree centigrade

### Solubility:

Water 0.65g/100ml

Ethanol 92.2g/100ml

Isopropanol 76.0g/100ml

Acetone 81.0g/100ml

Toluene 13.0g/100ml

Dichloromethane 26.0g/100ml

Dioxane 118.0g/100ml

**Toxicity Profile:** Low toxic herbicide.

Oral LD50 (Rats):1879-2740mg/kg

Dermal LD50 (Rabbits): >2000mg/kg

Inhalation (Acute): LC50 (Rats) 200mg/kg

Oral (Sub-acute): NED (Rats) established at 23500ppm

Dermal (Sub-acute): NED (Rabbits) established at 500mg/kg

Oral (Chronic): NED (Rats) established at 25mg/kg

Oral Chronic: NED (Dog) established at 1.25mg/kg

**Use:** Benzoic acidic & selective and systematic herbicide to control annual and perennial broadleaf weeds in corn, small grains, rice and wheat.

Herbicide to control *C. album*, *Malchium aqualis* (L.) Fries, *Descurainia Sophia*, *Convolvulus arvensis*, *Eclipta prostrata* in corn, wheat, small grains and rice.

Spray after young plants are fully grown. Easily absorbed by leaves, roots and stems of weeds and transmitted through phloem and xylem. Mostly accumulated at parts where acervulus and metabolites gather intensely to interfere the normal activities of phytohormones and make them die. If released to soil, microbial degradation will probably be the major removal process under most conditions.

After its application for the annual or perennial broadleaf weeds, standing grains exhibit strong resistance against the herbicide and broadleaf weeds begin to appear curled and withering within 24 hours and die in 15-20 days.

Scope of application: Intended for standing grains as wheat, corn, small grains and rice.

Target weeds: *C. album*, *Malchium aqualis* (L.) Fries, *Descurainia Sophia*, *Convolvulus arvensis*, *Eclipta prostrata* in corn, wheat, small grains and rice.

**Expiration Period:** At least two years.

**Packaging:** Iron or fiber drum. Make adjustments according to customers' requirements.