

Common Name: **DICAMBA**

Synonyms: Banvel; Mediben

CAS No: 1918-00-9

 Molecular Formula: C₈H₆Cl₂O₃

RTK Substance No: 0634

Description: Colorless, white or brown crystalline solid

HAZARD DATA

| Hazard Rating | Firefighting | Reactivity |
|--|---|--|
| 1 - Health 1 - Fire 0 - Reactivity DOT#: UN 2769 ERG Guide #: 151 Hazard Class: 6.1 (Poison) | Extinguish fire using an agent suitable for type of surrounding fire. Dicamba itself does not burn. POISONOUS GASES ARE PRODUCED IN FIRE, including <i>Hydrogen Chloride</i> . Use water spray to keep fire-exposed containers cool. | Dicamba is not compatible with SULFURIC ACID; STRONG BASES (such as SODIUM HYDROXIDE and POTASSIUM HYDROXIDE); AMMONIA, ALIPHATIC AMINES; ALKANOLAMINES; ISOCYANATES; ALKYLENE OXIDES; and EPICHLOROHYDRIN. |

SPILL/LEAKS

Isolation Distance: 25 meters (75 feet)

Fire: 800 meters (1/2 mile)

Collect powdered material in the most convenient and safe manner and deposit in sealed containers.

Dicamba is harmful to aquatic organisms.

PHYSICAL PROPERTIES

| | |
|--------------------------|--------------------------------|
| Odor Threshold: | 250.8 ppm |
| Flash Point: | Not combustible |
| Vapor Density: | 7.64 (air = 1) |
| Vapor Pressure: | 0.00375 mm Hg at 212°F (100°C) |
| Specific Gravity: | 1.56 (water =1) |
| Water Solubility: | Slightly soluble |
| Melting Point: | 237° to 241°F (114° to 116°C) |
| Molecular Weight: | 221 |

EXPOSURE LIMITS

 No occupational exposure limits have been established for **Dicamba**.

PROTECTIVE EQUIPMENT

| | |
|--------------------|--|
| Gloves: | Rubber |
| Coveralls: | DuPont Tyvek® |
| Respirator: | APR with High efficiency filters or Supplied air |

HEALTH EFFECTS

| | |
|--------------------|--|
| Eyes: | Irritation, burns |
| Skin: | Irritation, burns |
| Inhalation: | Nose, throat and lung irritation with coughing and shortness of breath Headache, nausea, vomiting and muscle weakness |

FIRST AID AND DECONTAMINATION

Remove the person from exposure.

Flush eyes with large amounts of water for at least 15 minutes. Remove contact lenses if worn.

Quickly remove contaminated clothing and wash contaminated skin with large amounts of soap and water.

Begin artificial respiration if breathing has stopped and CPR if necessary.

Transfer to a medical facility.