

# SAFETY DATA SHEET

EMERGENCY CALL: 1-800-424-9300 (CHEMTREC)



## 1. IDENTIFICATION

**PRODUCT NAME:** Alligare Dicamba 4

**DESCRIPTION:** A liquid herbicide.

**EPA Reg. No.:** 81927-55

**COMPANY IDENTIFICATION:**

**Alligare, LLC**

13 N. 8<sup>th</sup> Street

Opelika, AL 36801

## 2. HAZARD IDENTIFICATION

### WARNING

Causes serious eye irritation (H319)

May be harmful if swallowed or in contact with skin (H333)



### HAZARD CLASSIFICATION

**Health Hazards**

Eye damage / irritation

Acute toxicity, oral

Acute toxicity, dermal

**Category**

2A

5

5

**Physical Hazards**

None

**Other Hazards**

None

**Category**

-

**Category**

-

### HAZARDS NOT REQUIRING CLASSIFICATION

None

### PRECAUTIONARY STATEMENTS

Wash hands thoroughly after handling. (P264)

Wear personal protective equipment as described in Section 8 of this document. (P280)

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **If eye irritation persists:** Get medical advice / attention. (P305+P351+P338+ P334+P313)

**IF ON SKIN OR SWALLOWED:** Call a POISON CENTER / doctor if you feel unwell. (P301+P302+P312)

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Common Name**

Dicamba DMA

**Chemical Name**

Dimethylamine Salt of 3,6-Dichloro-*o*-anisic acid

**CAS #**

2300-66-5

**Composition**

50.2%

## 4. FIRST AID MEASURES

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time or your poison control center at 1-800-222-1222.

**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. If eye irritation persists: Get medical attention/advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with water for 15-20 minutes. Call a doctor or poison control center if you feel unwell.

**IF SWALLOWED:** Immediately call a poison control center or doctor. Rinse mouth out and 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.

## 5. FIREFIGHTING MEASURES

**Flash Point:** Not flammable

**Flammable Limits:** Not determined

**Fire and Explosion Hazards:** Thermal decomposition during a fire can produce fumes and irritating gases.

**Extinguishing Medium:** Water spray, dry foam, dry chemical or carbon dioxide (CO<sub>2</sub>).

**Fire Fighting Equipment:** Firefighters should be equipped with self-contained positive pressure breathing apparatus and full bunker gear.

**Fire Fighting Instructions:** Evacuate the area and fight fire upwind from a safe distance to avoid hazardous vapors and decomposition products. Dike and collect fire-extinguishing water to prevent environmental damage with excessive water runoff.

**Hazardous Combustion Products:** Hydrogen chloride, organochlorine products, and carbon and nitrogen oxides.

**NFPA Ratings:** Health – 2 / Flammability – 1 / Reactivity - 0

## 6. ACCIDENTAL RELEASE MEASURES

Clean up spills immediately, observing precautions in Section 8 of this SDS. Isolate hazard area. Keep unnecessary personnel from entering.

**Small Spills:** Contain small spill by diking with a suitable absorbent material. Sweep up absorbed spill and place material in appropriate recovery drums for disposal.

**Large Spills:** Contain large spills by diking with a suitable absorbent material and recover for disposal. After removal, neutralize the spill area, tools, and equipment with a dilute alkaline solution (soda ash or lime) followed by an appropriate alcohol (methanol, ethanol or isopropanol). Wash the spill area, tools, and equipment with strong soap and water solution. Absorb any excess liquid and add to the recovery drums of waste already collected. Dispose all wastes as described in Section 13.

## 7. HANDLING AND STORAGE

**Keep out of reach of children.**

**Handling:** Use only in a well ventilated area. Do not get in eyes or on clothing. Avoid contact with skin.

**Storage:** Store in original containers in a well-ventilated area separately from fertilizer, feed and foodstuffs. Avoid cross-contamination with other pesticides.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Controls:** Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower.

**Protective Clothing:** Wear protective eyewear (goggles, safety glasses, face shield), long-sleeved shirt, long pants, shoes, socks and chemical resistant gloves (such as made out of any waterproof material)

**General:** Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Transparent dark amber liquid

**Odor:** Amine odor

**pH:** 8 – 9

**Viscosity:** 5.30 cP @ 25°C; 3.34 cP @ 40°C

**Density:** 1.150 gm/cm<sup>3</sup> @ 25°C; 1.143 @ 40°C

**Solubility:** Miscible in water.

## 10. STABILITY AND REACTIVITY

**CONDITIONS TO AVOID:** Avoid excessive heat and fire.

**CHEMICAL STABILITY:** Stable under all normal use and storage conditions. May decompose if heated.

**INCOMPATIBILITY WITH OTHER MATERIALS:** Oxidizing agents and acids.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Hydrogen chloride, oxides of carbon and nitrogen, and organochlorine products.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**ORAL TOXICITY (rat LD<sub>50</sub>):** > 2,000 mg/kg

**DERMAL TOXICITY (rabbit LD<sub>50</sub>):** > 2,000 mg/kg

**INHALATION TOXICITY (rat LC<sub>50</sub>):** > 5.0 mg/L (4-hour)

**EYE IRRITATION:** Rabbit – Moderately irritating

**SKIN IRRITATION:** Rabbit – Slightly irritating

**SKIN SENSITIZATION:** Not a contact sensitizer

**CARCINOGENICITY:**

**EPA:** Not Listed

**ACGIH:** Not Listed

**IARC:** Not Listed

**NTP:** Not Listed

**OSHA:** Not Listed

**MUTAGENIC TOXICITY:** No evidence of mutagenic effects during *in vivo* and *in vitro* assays.

**REPRODUCTIVE TOXICITY:** Not known to cause reproductive or birth defects at normal exposure levels.

## 12. ECOLOGICAL INFORMATION

Practically non-toxic to fish and aquatic invertebrates. May be toxic to nontarget aquatic plants. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters. Practically non-toxic to birds, honey bees, and other wildlife.

Dicamba has a low binding affinity in soil and sediment particles and has been detected in groundwater at very low levels below the drinking water levels of concern (DWLOC). Laboratory studies indicate that dicamba is stable to oxidation and hydrolysis, and is somewhat susceptible to photolysis in an aqueous environment. The half-life in surface water under field conditions was < 7 days. In soils, dicamba dissipates more quickly by microbial degradation in aerobic environments, with a half-life typically ranging from 14 to 28 days. Dicamba is more persistent in anaerobic environments with a half-life of 141 days.

### AQUATIC TOXICITY

Rainbow Trout (96-hr LC<sub>50</sub>): 1,000 mg/L

Bluegill (96-hr LC<sub>50</sub>): 1,000 mg/L

Daphnia (48-hr EC<sub>50</sub>): 1,600 mg/L

### AVIAN TOXICITY

Mallard Duck (Oral LD<sub>50</sub>): > 2,510 mg/kg

Mallard Duck (Oral 8-day): > 4,533 ppm

Bobwhite Quail (Oral 8-day): > 4,533 ppm

## 13. DISPOSAL CONSIDERATIONS

**Do not contaminate water, food or feed by disposal.**

**PESTICIDE DISPOSAL:** Triple rinse pesticide from containers and use rinsates in the pesticide application. Wastes which cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Refer to the product label for specific container disposal instructions.

## 14. TRANSPORT INFORMATION

### US DOT:

**Containers < 119 Gallons (450 Liters):** Not regulated by DOT.

**Containers ≥ 119 Gallons (450 Liters):**

DOT Shipping Name: UN3082, Environmentally Hazardous Substance, Liquid, N.O.S.  
(contains Dicamba), 9, PG III

DOT Emergency Response Guide: 171

Marine Pollutant: No

### IATA (Shipped by Air):

UN3082 Environmentally Hazardous Substance, Liquid, N.O.S. (contains Dicamba), 9, PG III

### IMO (Shipped by Water):

UN3082 Environmentally Hazardous Substance, Liquid, N.O.S. (contains Dicamba), 9, PG III

## 15. REGULATORY INFORMATION

### FIFRA –

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. The following is the hazard information as required on the pesticide label:

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING.** Causes substantial but temporary eye injury. Harmful if swallowed. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Wear protective eyewear (goggles, safety glasses, face shield), long sleeved shirt, long pants, shoes, socks and chemical resistant gloves (such as made out of any waterproof material).

See inside label booklet for additional Precautionary Statements and Directions for Use including Storage and Disposal Instructions.

##### ENVIRONMENTAL HAZARDS

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 contaminate water when disposing of equipment washwaters or rinsate.

This chemical is known to leach through the soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Apply this product only as directed on label.

All pesticides are governed under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). The regulatory information presented below is pertinent only when this product is handled outside of the normal use and application as a pesticide. This product is excluded from listing requirements under EPA/TSCA.

### SARA Title III – Section 302 Extremely Hazardous Substances

Not listed

### SARA Title III – Section 311/312 Hazard Categories

Immediate

### SARA Title III – Section 312 Threshold Planning Quantity

N/A

### SARA Title III – Section 313 Reportable Ingredients

Dicamba DMA (CAS #2300-66-5): 50.2%

### CERCLA Reportable Quantity (RQ) –

None

### CALIFORNIA PROP 65 STATUS –

This product does not contain any chemical known to the state of California to cause cancer or reproductive harm.

### CANADA –

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

## 16. OTHER INFORMATION

THIS INFORMATION IN THIS SDS IS BASED ON DATA AVAILABLE AS OF THE REVISION DATE GIVEN HEREIN, AND BELIEVED TO BE CORRECT. CONTACT ALLIGARE, LLC TO CONFIRM IF YOU HAVE THE MOST CURRENT MSDS. JUDGMENTS AS TO THE SUITABILITY OF THE INFORMATION HEREIN FOR THE INDIVIDUAL'S OWN USE OR PURPOSES IS NECESSARILY THE INDIVIDUAL'S OWN RESPONSIBILITY. ALTHOUGH REASONABLE CARE HAS BEEN TAKEN IN THE PREPARATION OF SUCH INFORMATION, ALLIGARE, LLC EXTENDS NO WARRANTIES, MAKES NO REPRESENTATIONS, AND ASSUMES NO RESPONSIBILITY AS TO THE ACCURACY OR SUITABILITY OF SUCH INFORMATION FOR APPLICATION TO THE INDIVIDUAL'S PURPOSES OR THE CONSEQUENCES OF ITS USE.

This Safety Data Sheet (SDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA APPROVED PRODUCT LABELING (attached to and accompanying the product container). This SDS provides important health, safety, and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use, while the labeling provides that information specifically for product use in the ordinary course.

SDS Version: 2.0

Effective Date: 05/01/2018