

# MATERIAL SAFETY DATA SHEET

Emergency Call: 1-800-308-5391

Effective Date: November 10, 2010

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Alligare Oryzalin 4

**DESCRIPTION:** A liquid herbicide.

**EPA Reg. No.:** 81927-46

**COMPANY IDENTIFICATION:**

**Alligare, LLC**

13 North 8<sup>th</sup> Street

Opelika, AL 36801

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>Chemical Name</u>	<u>Formula</u>	<u>CAS #</u>	<u>Composition</u>
Oryzalin	3,5-dinitro-N4N4-dipropylsulfanilamide	C <sub>12</sub> H <sub>18</sub> N <sub>4</sub> O <sub>6</sub> S	019044-88-3	41.0%

## 3. HAZARD IDENTIFICATION

You may contact PROSAR at 1-800-308-5391 for emergency medical treatment information.

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS:** May cause slight transient eye irritation. Prolonged exposure may cause slight skin irritation.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish.

## 4. FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies involving this product, call 1-800-308-5391.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water.

**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.

## 5. FIRE-FIGHTING MEASURES

**Flash point:** Water based product, does not flash.

**Flammable Limits (LFL-UFL):** N/A

**Fire and Explosion Hazards:** May thermally decompose in fire releasing nitrous oxides and other irritating and toxic fumes. If the water in this product evaporates, the explosion potential of this product as an airborne dust is greatly increased. The minimum ignition temperature for a dust cloud is 714°F (379°C).

**Extinguishing Medium:** Foam, CO<sub>2</sub>, dry chemical, or water spray.

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

**Fire Fighting Instructions:** Evacuate area of all unnecessary personnel and fight fire from a safe distance upwind. Contain contaminated water / firefighting water; do not allow to enter drains or waterways. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water runoff.

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

## 6. ACCIDENTAL RELEASE MEASURES

Clean up spills immediately observing the precautions in Section 8 of this MSDS. Isolate the hazard area and keep unnecessary and unprotected personnel from entering. Prevent material from contaminating soil or from entering sewage and drainage systems and bodies of water.

Prevent spills from entering sewers, waterways or low areas. Scrub the contaminated area with soap and water followed by a water rinse. Use dry absorbent material to absorb and collect wash solution for proper disposal. Contaminated soil may have to be removed and disposed.

## 7. HANDLING AND STORAGE

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

## 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:** Chemical resistant gloves. Long-sleeved shirt, long pants and shoes plus socks. Mixers and loaders must wear a chemical-resistant apron in addition to other PPE.

**General:** Wash thoroughly with soap and water after handling. Discard clothing and other absorbent materials that have been heavily contaminated with this product; do not reuse them. Follow the manufacturer's instructions for cleaning and 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:** Bright Orange Opaque Liquid

**Odor:** Slight Aeromatic Odor

**Specific Gravity:** 1.138 – 1.239 @ 25°C

**Solubility:** Miscible in Water

## 10. STABILITY AND REACTIVITY

**CONDITIONS TO AVOID:** None known.

**CHEMICAL STABILITY:** Stable but may decompose if burned.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None when stored and handled as prescribed / indicated. Refer to Section 5 for hazardous combustion products.

**INCOMPATIBILITY WITH OTHER MATERIALS:** None known.

**POLYMERIZATION:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**EYE IRRITATION:** Mildly Irritating

**SKIN IRRITATION:** Mildly irritating

**SKIN SENSITIZATION:** Not a contact sensitizer

**CARCINOGENICITY:**

**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:** No evidence in animal studies.

## 12. ECOLOGICAL INFORMATION

This pesticide is toxic to fish. DO NOT apply directly to water, 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. Cover or incorporate spills.

## 13. DISPOSAL CONSIDERATIONS

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

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Completely empty bag, then dispose of in an approved sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## 14. TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: Not Regulated by DOT

REPORTABLE QUANTITY: N/A

MARINE POLLUTANT: Not a marine pollutant

## 15. REGULATORY INFORMATION

### FIFRA –

All pesticides are governed under the Federal Insecticide, Fungicide, and Rodenticide Act. The regulatory information presented below is pertinent only when this product is handled outside of the normal use and application as a pesticide.

### 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

None

### CERCLA –

None

### CALIFORNIA PROP 65 STATUS –

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

## 16. OTHER INFORMATION

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

### DISCLAIMER:

THE INFORMATION IN THIS MSDS 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 Material Safety Data Sheet (MSDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA-APPROVED PRODUCT LABELING (attached to and accompanying the product container). This MSDS 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.