

## WEED PREVENTER GRANULES MATERIAL SAFETY DATA SHEET

### Manufacturer's Name & Address

Southern Agricultural Insecticides, Inc.  
PO Box 218, Palmetto, FL. 34220

Phone: 941-722-3285  
Chemtrec: 800-424-9300

### I NOMENCLATURE

**Product Name:** WEED PREVENTER GRANULES

### II INGREDIENTS

	<b>Nominal %</b>	<b>CAS No.</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>
Trifluralin	1.47%	1582-09-8	Not established	Not established

Components not precisely identified are proprietary or not hazardous.

### III HAZARDOUS CLASSIFICATION (0-Minimal, 1-Slight, 2-Moderate, 3-Serious, 4-Severe)

**NFPA:** Health 1 Fire 1 Reactivity 0  
**HMIS:** Health 1 Fire 1 Reactivity 0

### IV PHYSICAL PROPERTIES

**Boiling Point:** Not determined.

**Vapor Pressure:** Not determined.

**PH:** 7.1 (in water @25°C)

**Solubility In Water:** Not dispersible. The solubility of trifluralin technical <1ppm in water.

**Appearance/Odor:** Yellow to yellow-brown solid granular with slight aromatic odor.

**Density:** 0.661 g/ml

**Melting Point:** Not determined.

**Specific Gravity:** Not determined.

### V FIRE AND EXPLOSION DATA

**Flash Point:** 200°F

**Flammable Limits:** N/A

**Autoignition Temperature:** No ignition up to 138°C.

**Extinguishing Media:** Water spray, foam, CO<sub>2</sub>, dry chemical.

**General Hazard:** Prevent human exposure to fire, smoke, fumes or products of combustion.

**Fire Fighting Equipment:** Wear protective clothing and self-contained breathing apparatus.

**Hazardous Combustion Products:** Thermal decomposition may release toxic and/or hazardous gases.

### VI FIRST AID

**First Aid for EYE Exposure:** Flush eyes with a gentle stream of clean water for at least 15-20 minutes until no evidence of chemical remains. See a physician.

**First Aid for SKIN Exposure:** Remove contaminated clothing and wash all exposed skin surfaces thoroughly with soap and water. If irritation persists, see a physician.

**First Aid for INHALATION:** Remove to fresh air. If not breathing, clear airway and start artificial respiration. If victim is having trouble breathing, give supplemental oxygen, if available. Seek immediate medical attention.

**First Aid if INGESTION:** Drink 1 to 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Seek medical attention immediately.

### VII HEALTH HAZARD DATA

**Routes of Entry:** Skin contact, Eye contact, Inhalation, and ingestion.

**Inhalation:** This formulation is not considered to be an inhalation hazard due to the coarse granular nature.

**Eye Irritation:** May cause slight to moderate irritation to the eyes.

**Skin Irritation:** Non-irritating to the skin of rabbits.

**Ingestion:** Moderately toxic.

**Symptoms of overexposure:** salivation, vomiting, nausea, convulsions, pinpoint pupils, respiratory depression,

**Toxicity data: Acute:**

**Inhalation:** This formulation is not considered to be an inhalation hazard due to the coarse granular nature.

**Eye Irritation:** Considered to be moderately irritating to the eyes of rabbits.

**Skin Irritation:** Primary irritation index = 0.00. Considered to be non-irritant to the skin of a rabbit.

**Skin Absorption:** Acute dermal LD<sub>50</sub> >2000 mg/kg

**Ingestion:** Acute oral LD<sub>50</sub> >5000mg/kg.

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Page 2 of 2

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### VIII REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Storage at high temperatures. Storage temperatures should not exceed 90<sup>0</sup> F. Do not allow to become wet in storage. Moisture may induce fermentation with attendant internal heating and possible ignition.

**Incompatible Materials:** Not determined.

**Hazardous Decomposition Products:** Thermal decomposition may release toxic and/or hazardous gases.

**Hazardous Polymerization:** Will not Occur.

### IX RELEASE OR SPILL ACTION:

**Spill or leak procedures:** Sweep up and place in a suitable (fiberboard) container for later disposal.

**Waste Disposal:** Comply with appropriate disposal regulations. Landfill solids at permitted sites. Use registered transporters.

### X SPECIAL PROTECTION

Pesticide applicators and workers must refer to the Product Label and Directions for use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard 40 CFR part 170.

**Respiratory: Type/Conditions:** If needed use a respirator approved for organic solvents.

**Ventilation:** Provide local exhaust ventilation and/or general dilution ventilation to meet published exposure limits.

**Gloves:** Rubber or neoprene gloves if contact is unavoidable.

**Eye Protection:** Wear protective eyewear to prevent contact with this substance.

**Other protective equipment:** Applicators and handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks.

### XI SPECIAL PRECAUTIONS

**Storing Precautions:** Store in a clean, dry, well ventilated area. Do not store near feed food or within the reach of children. Do not store near heat or open flame.

### XII SHIPPING AND SELECTED FEDERAL REGULATIONS

**DOT, IMO and IATA:** Not regulated. Packages >100 lbs (45.4 kg).

**Proper Shipping Name:** IRQ, Environmentally Hazardous Substance, Solid, N.O.S. (10% Trifluralin)

**Class:** 9                      **Identification Number:** UN 3077

**Packing Group:** III        **RQ:** 10 lbs (4.54kg)/ pkg

**OSHA:** This product is considered hazardous under the OSHA Hazardous Communication Standard (29 CFR 1910.1200).

**TSCA:** All product components are on the TSCA Chemical Inventory.

**CERCLA:** Release of this material (10 pounds trifluralin) to air, land or water are reportable to the National Response Center under the Superfund Amendments and Reauthorization Act (SARA) Title III Section304.

**RCRA:** When a decision is made to discard this material as supplied, it does not meet RCRA's characteristic definition of ignitability, corrosivity or reactivity, and is not listed in 40 CFR 261.33.

**SARA Title III:** 302: Not listed.

**311/312 Hazard Categories:** This product has been reviewed according to the EPA "Hazard Categories" and is categorized as an immediate health hazard.

**313: Reportable Ingredients:** This product contains trifluralin which is listed in Section 313 of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372.

**Revision Summary:** Trifluralin is a trademark of Griffin Corporation.

This information relates solely to the designated product and is not inclusive for combinations with other materials. This information is given without warranty or representation. Information is based on data we believe to be correct as of the date hereof. This information is furnished solely for your consideration, investigation, and verification. Before

using any product READ THE LABEL.