

Material Safety Data Sheet

Effective Date: 17-AUG-2007
Product: BAYONET (EPA REG. NO. 67959-2-5905)

I. IDENTIFICATION

Chemical Name: Trifluralin
Chemical Family: Soil Herbicides
Formula: Not applicable, formulated mixture.
Synonyms: None
CAS Number: 1582-09-8 (trifluralin)
EPA Number: 67959-2-5905

II. PHYSICAL DATA

Boiling Point: Not applicable.
Freezing Point: Not applicable.
Spec Gravity: Not determined.
Vapor Pressure: Not determined,
Vapor Density: Not applicable.
Solubility: Not dispersible.
Volatiles: Not determined.
Evaporation: Not applicable.
Melting Point: Not determined.
Appearance: Yellow to yellow-brown granule.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Trifluralin: a,a,a-trifluoro- 2,6-dinitro-N,N-dipropyl-p- toluidine	1582-09-8	10.00	N/E	Moderately toxic; slight eye irritant.
Inert ingredients		90.00		Non-hazardous.

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >200 Degrees F.
Autoignition Temp: No ignition up to 1382 Deg. C.
Flammable Limit: Not determined
Extinguishing Media: Use dry chemical, carbon dioxide, water spray or
foam extinguishing agents.
Special Fire Fight Proc: Wear self-contained breathing apparatus and
full protective clothing.
Fire and Expl Hazard: Thermal decomposition may release toxic and/or
hazardous gases.

V. HEALTH HAZARD

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Carcinogen Information: Not currently listed.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: Product is moderately toxic if ingested. Acute Oral LD50 > 5,000 mg/kg.
Skin Absorption: Acute Dermal LD50 > 2,000 mg/kg. Non-irritating with skin contact.
Inhalation: Not considered an inhalation hazard due to the coarse, granular nature of this product.
Skin contact: Non-irritating with skin contact.
Eye Contact: May cause slight to moderate eye irritation with contact.
Chronic Effects: None currently known.
Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: Drink 1 to 2 glasses of water and induce vomiting by touching the back of the throat with the finger. Seek immediate medical attention. Do not induce vomiting or give anything by mouth to an unconscious person.
Skin: Remove contaminated clothing. Wash affected areas with plenty of soap and water. Seek medical attention if irritation develops.
Inhalation: Move to fresh air. If not breathing, administer artificial respiration. Seek immediate medical attention.
Eyes: Flush eyes with water for at least 15 minutes, holding the eyelids apart. Seek medical attention if irritation persists.
Notes to Physician: In the event of an adverse response, treatment should be directed toward control of the symptoms and the clinical condition of the patient.

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: None currently known.
Polymerization: Will Not Occur
Conditions to Avoid: Not determined.
Incompatibility material: None currently known.
Hazardous Combustion: Thermal decomposition may release toxic and/or hazardous gases.

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VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: Sweep up spilled granules and place in suitable containers for reuse, if uncontaminated. If contaminated, place in proper chemical waste containers for later disposal. Avoid getting spilled granules in water supplies, lakes, streams, ponds, or storm drains.

Waste Disposal Method: This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: None needed under normal use conditions.
Ventilation: Local exhaust normally sufficient.
Gloves: Chemical resistant gloves.
Eyes: Safety glasses or chemical splash goggles.
Other: Long-sleeved shirt and long pants, shoes plus socks, eyewash station and emergency shower.

IX. SPECIAL PRECAUTIONS

Special precaution: Keep out of reach of children. Do not store with food, feed or other material to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams, ponds or storm drains with this material.

Other precaution: None currently known.

X. SHIPPING INFORMATION

Shipping name: Not regulated by DOT in package sizes less than 100 pounds.
Hazard Class: None
Identification No: None
Labels Required: None required
Placarding: None
Freight Class: Compound, Weed Killing, Solid, (Trifluralin 10%), NOIBN (NMFC Item 50320, Class 60)

