

Material Safety Data Sheet

Effective Date: 01-FEB-2011
Product: BAYONET 2

I. IDENTIFICATION

Chemical Name: Trifluralin Herbicide with Indole-3-butyric acid
Chemical Family: Soil Herbicides
Formula: Not applicable, formulated mixture.
Synonyms: None
CAS Number: Not applicable, formulated mixture.
EPA Number: 5905-554

II. PHYSICAL DATA

Boiling Point: Not applicable
Freezing Point: Not applicable
Spec Gravity: 51 lbs./cu. ft. (density)
Vapor Pressure: Not applicable
Vapor Density: Not applicable
Solubility: Not dispersible
Volatiles: Not determined
Evaporation: Not applicable
Melting Point: Not determined
Appearance: Yellow to yellow-brown granules.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Trifluralin	1582-09-8	10.00	N/E	Moderately toxic; slight eye irritant.
Indole-3-butyric Acid	133-32-4	0.001	N/E	Mild eye irritant
Inert ingredients		89.99	N/E	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.
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.

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V. HEALTH HAZARD

Carcinogen Information: Not listed by IARC, NTP or OSHA.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: Product may be moderately toxic if ingested.
Oral LD50 >5,000 mg/kg.
Skin Absorption: May be harmful if absorbed through the skin,
although not readily absorbed through intact
skin. Dermal LD50 > 2,000 mg/kg.
Inhalation: Due to the coarse, granular nature of this
product, it is not considered an inhalation
hazard.
Skin contact: In laboratory testing, trifluralin was non-
irritating to the skin of a rabbit. Prolonged
or repeated contact may cause allergic
reaction in sensitive individuals.
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 back of throat with
finger. Do not induce vomiting or give
anything by mouth to an unconscious person.
Seek immediate medical attention.
Skin: Remove contaminated clothing and shoes. Wash
with plenty of soap and water. Seek medical
attention if irritation persists.
Inhalation: Remove to fresh air. If not breathing,
administer artificial respiration. Get medical
attention immediately.
Eyes: Flush eyes with water for at least 15 minutes,
holding eyelids wide open. 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

Helena Chemical Company
PH: 901-761-0050
CHEMTREC: 800-424-9300

07-OCT-2011 08:19:51
Page 3 Of 4

Material Safety Data Sheet

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Stability: Stable
Conditions to Avoid: Not determined
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.

----- VII. SPILL OR LEAK PROCEDURES -----

Spill or Leak Proc: Sweep up spilled product and place in suitable containers for proper disposal. If uncontaminated, reuse product in accordance with label instructions. If contaminated, dispose of in accordance with regulatory guidelines. Avoid getting spilled material into water supplies, lakes, streams, ponds or storm sewers.
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 conditions of use.
Ventilation: Local exhaust normally sufficient.
Gloves: Chemical-resistant gloves.
Eyes: Use safety glasses or chemical goggles.
Other: Long-sleeved shirt and long pants, socks and shoes, 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 sewers with this material as it is extremely toxic to freshwater marine and estuarine fish, as well as aquatic invertebrates.
Other precaution: Do not apply in a manner which will directly expose canals, lakes, streams, ponds, marshes or estuaries to aerial drift.

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07-OCT-2011 08:19:51
Page 4 Of 4

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X. SHIPPING INFORMATION

Shipping name: Package >= 100 lbs.: RQ, Environmentally
hazardous substances, solid, n.o.s.
(Trifluralin 10%), 9, UN3077, PG III "ERG #
171"

Hazard Class: Class 9
Identification No: UN3077
Labels Required: Class 9 (package >= 100 lbs.)
Placarding: None required domestically
Freight Class: Pesticides, NOI, Herbicides, Other than Poison
(NMFC Item 155050, Sub 11, Class 70)

Chemical Name Equivalent R.Q.

Trifluralin (CAS No. 1582-09-8) 10 lbs.

TRANSPORTATION NOTE:

Not regulated for highway transport in package sizes less than 100 lbs.

XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating:

(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 2 Fire: 1 Reactivity: 0

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y Delayed (Chronic) Health: N
Sudden Release of pressure: N Fire: N
Reactive: N

Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017
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