

Howard Johnson's Enterprises, Inc  
700 West Virginia Street #222  
Milwaukee, WI 53204  
414-276-1505

Material Safety Data Sheet

Effective Date: 06-10-08  
Product: Trifluralin 5G

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I. IDENTIFICATION  
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Chemical Name: Trifluralin  
Chemical Family: Herbicide  
Formula: Not applicable, formulated mixture.  
Synonyms: None  
CAS Number: Not applicable, formulated mixture.  
EPA Number: 53883-240

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II. PHYSICAL DATA  
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Boiling Point: Not applicable Freezing Point: Not applicable  
Spec Gravity: Not determined Vapor Pressure: Not applicable  
Vapor Density: Not applicable  
  
Solubility: Not soluble in water  
Volatiles: Not determined  
Evaporation: Not applicable Melting Point: Not determined  
Appearance: Bright yellow granules, slight aromatic odor.

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III. INGREDIENTS  
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| Material          | CAS Number | Percent | TLV | Hazard     |
|-------------------|------------|---------|-----|------------|
| Trifluralin       | 1582-09-8  | 5.00    | N/E | Sensitizer |
| Inert ingredients | secret     | 95.00   | N/E | None       |

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IV. FIRE AND EXPLOSION HAZARD  
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Flash Point: Not applicable  
Autoignition Temp: Not applicable  
Flammable Limit: Not applicable  
Extinguishing Media: Use water, carbon dioxide or dry chemical  
extinguishing media.  
  
Special Fire Fight Proc: Wear full protective clothing and use positive-  
pressure, self-contained breathing apparatus.

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Fire and Explosion Hazard: Toxic, irritating fumes may be formed if involved in fire.  
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V. HEALTH HAZARD  
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Carcinogen Information: Mixture not listed

ACUTE EFFECTS OF OVER EXPOSURE  
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Swallowing: Single dose oral toxicity is low. The Acute Oral LD50 for rats is >5,000 mg/kg. Swallowing small amounts are not likely to cause injury.

Skin Absorption: A single prolonged exposure is not likely to result in the product being absorbed through skin. Acute Dermal LD50 for absorption in rabbits is >2,000 mg/kg.

Inhalation: Dust may cause irritation to the upper respiratory tract.

Skin contact: Prolonged exposure is not likely to cause significant skin irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. With the dilute mixture, no allergic skin reaction is expected.

Eye Contact: May cause slight irritation with transient (temporary) corneal injury.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: Seek medical attention. Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

Skin: Wash with plenty of soap and water. Get medical attention if irritation develops.

Inhalation: Remove individual to fresh air. If breathing difficulty occurs, get medical attention. If not breathing, provide mouth-to-mouth resuscitation and medical attention immediately.

Eyes: Flush eyes with plenty of water and call a physician.

Notes to Physician: No specific antidote is available for this mixture. Provide supportive care. Treatment should be based on the judgment of the physician in response to reactions of the patient.

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VI. REACTIVITY  
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Stability: Stable  
Conditions to Avoid: Avoid elevated temperatures.  
Polymerization: Will Not Occur  
Conditions to Avoid: None currently known.  
Incompatibility material: None currently known.  
Hazardous Combustion: May produce toxic vapors as it burns.

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VII. SPILL OR LEAK PROCEDURES  
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Spill or Leak Proc: Contain and sweep up small spills. Place recovered material in chemical waste container for proper disposal. Prevent runoff of spilled material or waters contaminated with product.  
Waste Disposal Method: This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

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VIII. SPECIAL PROTECTION INFORMATION  
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Respiration: In enclosed spaces, use NIOSH-approved dust respirator.  
Ventilation: Good general ventilation sufficient.  
Gloves: Impervious gloves  
Eyes: Chemical workers' goggles  
Other: Eyewash station, impervious apron and footwear.

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IX. SPECIAL PRECAUTIONS  
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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, stream or ponds. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.  
Other precaution: Store in original container. Avoid elevated temperatures. Always refer to the product label for handling and storage related to the end use of this material.

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X. SHIPPING INFORMATION  
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Shipping name: Not regulated by DOT, IATA or I None  
Hazard Class: None  
Identification No: None required  
Labels Required: None  
Placarding: None  
Freight Class: Compound, Weed Killing, Solid, N.O.I. (NMFC Item  
50320, Class

Equivalent R.Q. Not applicable

Chemical Name: Not applicable

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XI. GENERAL PRODUCT INFORMATION  
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S.A.R.A. Title III Hazard Classification: (Yes/No)

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

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