

# MATERIAL SAFETY DATA SHEET

NUTGRASS 'NIHILATOR

Page 1 of 4

Issue Date: 10/99

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

### Chemical Product

NUTGRASS 'NIHILATOR

EPA Reg. No. 7969-45-54705

Common Name: Sodium Bentazon.

Chemical Description: {3-(1-methylethyl)-1H-2-1, 3-benzothiadiazin-4(3H)-one, 2,2-dioxide}

TSCA/CAS No.: This product is a mixture — there is no specific CAS No.

### Manufactured For

Lawn and Garden Products, Inc.

P. O. Box 35000

Fresno, CA 93745-5000

### Emergency Phone Numbers

Emergency Telephone: DAYS: (559) 499-2100 EVES.: (559) 435-2163

CHEMTREC (24-Hour Emergency Number): (800) 424-9300

EPA National Response Center: (800) 424-8802

## SECTION 2. HAZARDOUS INGREDIENTS

CHEMICAL	CAS NO.	%	TLV OR PEL	RQ (lbs)
Sodium Bentazon	50723-80-3	44	5 mg/m <sup>3</sup> BASF Corp. Recommendation	N.P.*

\* N.P. - Not Pertinent.

## SECTION 3. EMERGENCY/HAZARDS OVERVIEW

Brown liquid with unusual sweet odor. Do not allow to freeze. Combustion may generate SO<sub>2</sub>. Not D.O.T. regulated.

HEALTH: 1      REACTIVITY: 0      FLAMMABILITY: 0      ENVIRONMENT: 1  
(0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme)

## SECTION 4. FIRST AID

Eyes: Flush eyes immediately with water for at least 15 minutes. Call a physician.

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

Ingestion: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or, if unavailable, by administering syrup of ipecac. If person is unconscious, do not give anything by mouth and do not induce vomiting.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

SECTION 5.	FIRE AND EXPLOSION HAZARDS
------------	----------------------------

Flash Point:	Not flammable.
Test Method:	Not available.
LEL Flammable Limits:	Not pertinent.
UEL Flammable Limits:	Not pertinent.
Autoignition Temperature:	Not applicable.
Flammability Classification:	Not flammable.
Known Hazardous Products of Combustion:	None.
Properties that Initiate/Contribute to Intensity of Fire:	None.
Potential For Dust Explosion:	None.
Reactions that Release Flammable Gases or Vapors:	Not known.
Potential For Release of Flammable Vapors:	None.
Unusual Fire & Explosion Hazards:	None.
Extinguishing Media:	Water fog, foam, CO <sub>2</sub> , or dry chemical.
Special Firefighting Procedures:	Wear positive pressure, self-contained breathing apparatus and goggles. Avoid smoke inhalation. Contain any liquid runoff.

SECTION 6.	SPIILLS AND LEAKS
------------	-------------------

Containment:	Prevent product spillage from entering drinking water supplies or streams.
Clean Up:	Collect liquid or absorb onto absorbent material and package for disposal.
Evacuation:	Not necessary.

SECTION 7.	STORAGE AND HANDLING
------------	----------------------

Storage:	Store in plastic or stainless steel container in a cool, well-ventilated, dry place at temperatures above 40°F. Do not store near food or feeds. Do not stack pallets more than two (2) high.
Transfer Equipment:	Transfer product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.
Work/Hygienic Practices:	Hazards to Humans and Domestic Animals. Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wear long-sleeved shirt and long pants, socks and shoes, and water-proof gloves. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling.

SECTION 8.	PERSONAL PROTECTIVE EQUIPMENT
------------	-------------------------------

Eyes:	Chemical dust/splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.
Skin:	Impervious gloves and clothes.
Respiratory:	Not normally needed. If use generates an aerosol mist or respiratory irritation, use NIOSH-approved dust/mist respirator (such as 3M #8710).
Ventilation:	Recommended but no TLV established.

**SECTION 9. PHYSICAL AND CHEMICAL DATA**

Appearance:	Brown liquid.
Odor:	Unusual, sweet odor.
pH:	8.0 - 9.0
Vapor Pressure:	Not determined.
Vapor Density (Air = 1):	Not available.
Boiling Point:	212°F
Freezing Point:	Not available.
Water Solubility:	Infinite.
Density:	9.9 lbs./gal.
Evaporation Rate:	Not available.
Viscosity:	Not available.
% Volatile:	Not available.
Octanol/Water Partition Coefficient:	Not available.
Saturated Vapor Concentration:	Not available.

**SECTION 10. STABILITY AND REACTIVITY**

Stability:	Stable.
Conditions To Avoid:	Do not allow to freeze.
Incompatibility:	Per label, use only with recommended surfactants.
Hazardous Decomposition Products:	Combustion may generate SO <sub>2</sub>
Hazardous Polymerization:	Will not occur.

**SECTION 11. POTENTIAL HEALTH EFFECTS**Acute Effects:

Eyes:	Mild irritant. Causes reversible irritation, redness, swelling.
Skin:	Mild irritant, especially from prolonged exposure. Causes redness, drying and cracking. May cause allergic skin reaction. LD <sub>50</sub> > 10,000 mg/kg.
Ingestion:	If ingested in sufficient quantities, causes nausea, vomiting, diarrhea, and tremors. LD <sub>50</sub> (Rat) > 2063 mg/kg.
Inhalation:	None expected but aerosol mist may cause mild irritation of nasal mucous membranes. LC <sub>50</sub> (Mouse) > 8 mg/L.

Subchronic Effects: None known.

Chronic Effects: None known.

**SECTION 12. ECOLOGICAL INFORMATION**

Algal/Lemna Growth Inhibition:	Not acutely toxic.
Toxicity to Fish and Invertebrates:	Relatively non-toxic.
Toxicity to Plants:	Not known.
Toxicity in Birds:	Not acutely toxic.

**SECTION 13. DISPOSAL**

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment washwaters. Dispose of waste effluents according to state and local regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal. Do not discharge.

**SECTION 14. TRANSPORTATION**

D.O.T.:	Not D.O.T. Regulated.
Other Shipping Description:	Compounds, Tree or Weed Killing (Herbicide), Liquid. NMFC Item 50320, LTL Class 60

**SECTION 15. REGULATORY INFORMATION**

CERCLA: None.

SARA TITLE III, Section 313 Toxic Chemicals: None.

PROPOSITION 65 (CA): None.

**SECTION 16. OTHER**

All information appearing in this document was based on data provided by third party sources and was compiled to comply with the Federal Hazard Communication Standard and the California Hazardous Substances Information and Training Act. The information is believed to be accurate as of the preparation date, but is not warranted as being the final authority in the use of this product. This information does not purport to be legal or medical advice.