

SAFETY DATA SHEET

EMERGENCY CALL: 1-800-424-9300 (CHEMTREC)



1. IDENTIFICATION

PRODUCT NAME: Bentazon 4 Herbicide

DESCRIPTION: A liquid herbicide.

EPA Reg. No.: 83520-26

COMPANY IDENTIFICATION:

Tacoma Ag, LLC

PO Box 14073

Durham, NC 27709

2. HAZARD IDENTIFICATION



WARNING

Harmful if swallowed, in contact with skin, or inhaled

Causes eye irritation

Causes mild skin irritation

May cause an allergic skin reaction

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Common Name</u>	<u>Chemical Name</u>	<u>CAS #</u>	<u>Composition</u>
Sodium Salt of Bentazon	[Sodium 3-(1-methylethyl)-1H-2,1,3-benzothiadiazin-4(3H)-one 2,2-dioxide]	50723-80-3	44%

4. FIRST AID MEASURES

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact CHEMTREC at 1-800-424-9300 for emergency medical information.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash before reuse. Rinse skin immediately with plenty of water. If skin irritation or rash occurs: call a poison control center or doctor for treatment advice.

IF SWALLOWED: Immediately call a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

5. FIREFIGHTING MEASURES

Flash Point (PMCC): N/A (aqueous solution)

Flammable Limits (LFL-UFL): Not Determined

Fire and Explosion Hazards: Thermal decomposition will release irritating gases and fumes (see Section 10).

Extinguishing Medium: Foam, CO₂, dry chemical or water mist.

Fire Fighting Equipment: Firefighters should be equipped with self-contained positive pressure breathing apparatus and full bunker gear.

Fire Fighting Instructions: Evacuate area of all unnecessary personnel and fight fire from a safe distance upwind. Contain contaminated water / firefighting water; do not allow to enter drains or waterways. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water runoff.

NFPA Ratings: Health – 1 / Flammability – 1 / Reactivity - 0

6. ACCIDENTAL RELEASE MEASURES

Clean up spills immediately observing the precautions in Section 8 of this MSDS. Isolate the hazard area and keep unnecessary and unprotected personnel from entering. In case of spill on floor or paved surfaces, mop up and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to label. Prevent material from contaminating soil or from entering sewage and drainage systems and bodies of water. Dike and contain the spill with inert material such as sand, earth, etc. Transfer liquid to containers and solid diking material to separate containers for recovery and disposal.

7. HANDLING AND STORAGE

Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear long sleeved shirt and long pants, shoes plus socks and chemical-resistant gloves (such as Natural Rubber, Selection Category A). Remove and wash contaminated clothing before reuse.

Keep pesticide in original container. DO NOT put concentrate or dilute spray into food, feed, or drink containers. Do not store or use near oxidizing agents. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area. DO NOT store diluted spray.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower.

Protective Clothing: Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves and shoes plus socks.

General: Some materials that are chemically resistant to this product are made of waterproof material. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Amber Liquid

Odor: Mild Surfactant

Flash Point: N/A (aqueous solution)

pH: 8.0 – 9.0

Density: 1.19 g/mL (9.9 – 10 lbs/gal)

Viscosity: 12.9 centipoise at 25°C, 7.1 centipoise at 40°C

Solubility: Soluble in water

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Freezing temperatures and prolonged exposure to extreme heat.

CHEMICAL STABILITY: Stable under all normal use and storage conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: None when stored and handled as prescribed. Thermal decomposition may release oxides of carbon and nitrogen as well as sulfur dioxide and sulfuric acid compounds.

INCOMPATIBILITY WITH OTHER MATERIALS: Strong acids and oxidizers.

POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

ORAL TOXICITY (rat LD₅₀): > 1,000 mg/kg

DERMAL TOXICITY (rat LD₅₀): > 4,000 mg/kg

INHALATION TOXICITY (rat LC₅₀): > 4.8 mg/L (4-hour)

EYE IRRITATION: Causes moderate eye irritation.

SKIN IRRITATION: May cause irritation, may be absorbed through the skin.

SKIN SENSITIZATION: Contact sensitizer.

CARCINOGENICITY:

ACGIH: Not Listed

NTP: Not Listed

IARC: Not Listed

OSHA: Not Listed

MUTAGENIC TOXICITY: No evidence of mutagenic effects during *in vivo* and *in vitro* assays.

REPRODUCTIVE TOXICITY: No evidence in animal studies.

12. ECOLOGICAL INFORMATION

For terrestrial uses. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. Bentazon, which is present in this product, is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Notice: It is a violation of federal law to use any pesticide in a manner that results in the death of an endangered species or in adverse modification of their habitat.

13. DISPOSAL CONSIDERATIONS

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Protection Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Non refillable container. Do not reuse this container. Refer to the product label for specific container disposal instructions.

14. TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: Not regulated by DOT

Marine Pollutant: No

DOT Emergency Response Guide: N/A

15. REGULATORY INFORMATION

FIFRA –

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. The following is the hazard information as required on the pesticide label:

CAUTION: Harmful if absorbed through skin. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear long sleeved shirt and long pants, shoes plus socks and chemical-resistant gloves (such as Natural Rubber, Selection Category A). Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

All pesticides are governed under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). The regulatory information presented below is pertinent only when this product is handled outside of the normal use and application as a pesticide.

SARA Title III – Section 302 Extremely Hazardous Substances

Not listed

SARA Title III – Section 311/312 Hazard Categories

Immediate, Delayed

SARA Title III – Section 312 Threshold Planning Quantity

N/A

SARA Title III – Section 313 Reportable Ingredients

None

CERCLA –

N/A

CALIFORNIA PROP 65 STATUS –

This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

16. OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

REFER TO THE PRODUCT LABEL FOR TERMS AND CONDITIONS OF USE

Warranty Disclaimer

Tacoma Ag, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth in the product label. Tacoma Ag, LLC MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

The terms of the Warranty Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Tacoma Ag, LLC or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer in any manner.

MSDS Version: 1.1

Effective Date: 03/28/2013