

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

COMPANY ADDRESS:

RedEagle International LLC
1925 E. Edgewood Dr – Ste. 105
Lakeland, Florida 33803

EMERGENCY TELEPHONE NUMBERS:

FOR 24 HOUR EMERGENCY MEDICAL ASSISTANCE CALL:

1 – 866 – 303 – 6952

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure,
Or accident call CHEMTREC 1 – 800 -424 – 9300

PRODUCT NAME : Bentazon 4
CHEMICAL NAME : (3-(1-methylethyl)-1H-2,1,3-benzothiadiazin-4 (3H)-one 2,2-dioxide
CHEMICAL FAMILY : Benzothiadiazole
PRODUCT CODE : EPA Reg. No. 85678-22
FORMULA : C₁₀H₁₁N₂NaO₃S

SECTION 2 – COMPOSITION, INFORMATION OF INGREDIENTS

COMPONENT	PERCENTAGE	CAS NUMBER	OSHA PEL	ACIGH TLV
Sodium Bentazon	44.0	50723-80-3	5 mg/m(3)	Not Est.
Inerts	56.0	N/A	Not Est.	Not Est.

SECTION 3 – FIRE AND EXPLOSION HAZARD

FLASHPOINT (METHOD): N/D
FLAMMABLE LIMITS (LFL – UFL): N/D
FIRE AND EXPLOSION HAZARD: None
EXTINGUISHING MEDIA: Use water fog, foam, CO (2), or dry chemical extinguishing media
FIRE FIGHTING EQUIPMENT: Firefighters should be equipped with self-contained breathing apparatus and turnout gear.
NFPA 704 HAZARD CODE: HEALTH - 1
FLAMMABLE - 0
INSTABILITY - 0

SECTION 4 – HEALTH DATA

ACUTE TOXICITY:

Oral LD₅₀ (rat) 2063 mg/kg
Dermal LD₅₀ (rat) >10000 mg/kg
Inhalation LC₅₀ (mouse) >8 mg/L
Eye Irritation (rabbit) mild irritation
Skin Irritation (rabbit) mild irritation

OSHA, NTP, or IARC Carcinogen: Not Listed

EFFECTS OF OVEREXPOSURE:

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: If ingested in sufficient quantities, causes nausea, vomiting, diarrhea, and tremors. Inhalation hazard of vapors is not anticipated at normal temperatures. Excessive inhalation of mist may cause irritation of mucous membranes.

EXISTING MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE TO THIS MATERIAL:

No information found for this mixture.

FIRST AID PROCEDURES:

IF SWALLOWED -

Call a physician or Poison Control Center immediately for treatment advice. 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.

IF ON SKIN -

Take off contaminate clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES -

Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after first five minutes, and then continue rinsing. Call a poison control center or doctor for treatment advice.

IF INHALED -

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth. Call a poison control center or doctor for treatment advice.

SECTION 5 – STABILITY AND REACTIVITY

CHEMICAL STABILITY:

Stable

CONDITIONS TO AVOID:

Do not allow to freeze.

CHEMICAL INCOMPATIBILITY:

Per label, use only with recommended surfactants.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion may generate SO₂

HAZARDOUS POLYMERIZATION:

Does not occur.

CORROSIVE TO METAL:

No

OXIDIZER:

No

SECTION 6 – PERSONAL PROTECTION

PESTICIDE APPLICATIONS AND WORKERS: Refer to the Product Label and Directions for Use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard in 40 CFR Part 170.

RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS:

RESPIRATORY PROTECTION -

Supplied air respirations should be worn if large quantities of mist are generated or prolonged exposure possible.

EYE PROTECTION -

Chemical goggles when respirator does not provide eye protection.

PROTECTIVE CLOTHING -

Gloves, long sleeved shirt, and slacks

VENTILATION -

Whenever possible, engineering controls should be used to minimize the need for personal protective equipment.

SECTION 7 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DESCRIPTION:

Brown Liquid

ODOR:

Odorless

BOILING POINT:

212 °F

SPECIFIC GRAVITY: 1.196 g/mL (9.9 lb/gal)
pH: 8.1
VISCOSITY: 8.9 centistrokes @25 C

SECTION 8 – ECOLOGICAL INFORMATION

ENVIRONMENTAL TOXICITY: (For active ingredient)
Bentazon 4 is not acutely toxic to fish or wildlife.

Aquatic Tox: (Based on active ingredient)
96 hour LC₅₀ - Bluegill >100 mg/L
96 hour LC₅₀ - Trout >100 mg/L
48 hour EC₅₀ - Daphnia >500 mg/L
96 hour EC₅₀ - Algae >30 mg/L

Avian Tox:
Bobwhite LD₅₀ 1140 mg/kg
Bobwhite LC₅₀ ->5000 mg/L
Mallard Duck LC₅₀ ->5000 mg/L

ENVIRONMENTAL FATE:
Soil - aerobic photo degradation ½ life 4 months
Hydrolysis - does not occur; do not contaminate groundwater

SARA TITLE III STATUS:
Section 313 - Not listed
Fire - No
Sudden Pressure - No
Reactivity - No
Acute - Yes
Chronic - No
TPQ - 10,000 lbs

SPILL AND LEAK PROCEDURE: Spills should be contained in suitable containers for disposal. This material is not regulated under RCRA or CERCLA (Superfund).

HAZARDOUS SUBSTANCE SUPERFUND: No

WASTE DISPOSAL METHOD: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse container (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state or local authorities, by burning. If burned, stay out of smoke.

SECTION 9 – TRANSPORT INFORMATION

DOT SHIPPING DESCRIPTION: None
DOT HAZARD CLASS: Primary – None
Secondary - None
DOT LABELS REQUIRED: None
DOT PLACARDS REQUIRED: None

BILL OF LADING DESCRIPTION: Compounds, Tree and Weed Killing, NOIBN (Herbicide)
CERCLA REPORTABLE QUANTITY: N/A

SECTION 10 – OTHER INFORMATION

KEEP OUT OF REACH OF CHILDREN

CAUTION

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR parts 170. Refer to supplemental labeling under “Agricultural Use Requirements” in the Directions for Use section for information about this standard.

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REVISED DATE:

REVISED FOR: RedEagle International LLC

REVISED BY:

APPROVED BY: