

Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be consulted
for specific requirements.

U.S Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)
Bonide Prozone Weed Beater Complete

ID No. 27933714
Date: July 16, 2009

Section I

Bonide Products, Inc. (800) 424-9300
6301 Sutliff Rd. (315) 736-8231
Oriskany, NY 13424

Section II - Hazardous Ingredients/Identity

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Sulfentrazone CAS # 122836-35-5				0.10%
Prodiamine CAS # 29091-21-2				0.20%

Section III – First Aid

EYES: Flush with plenty of water. Get medical attention if irritation occurs and persists.
SKIN: Wash thoroughly with plenty of soap and water. If irritation occurs and persists, contact a medical doctor.
INGESTION: Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with a finger. . Never induce vomiting or give anything by mouth to an unconscious person. Contact a medical doctor.
INHALATION: Remove to fresh air. If breathing difficulty or discomfort occurs and persists, obtain medical attention.
NOTES TO MEDICAL DOCTOR: This product is expected to have low oral, dermal and inhalation toxicity. It is mildly irritating to the eyes, and is expected to be moderately irritating and non-sensitizing to the skin. Reversible skin sensations (parasthesia) may occur and ordinary skin salves have been found useful in reducing discomfort. Treatment is otherwise controlled removal of exposure followed by symptomatic and supportive care.

Section IV – Fire-Fighting Measures

FLASH POINT: N/A
EXTINGUISHING MEDIA: Foam, CO2 or dry chemical. Soft stream water fog only if necessary. Contain all runoff.
FIRE / EXPLOSION HAZARDS: Slightly combustible. May support combustion at elevated temperatures. Finely dispersed particles can form explosive mixtures in air.
FIRE FIGHTING PROCEDURES: Isolate fire area. Evacuate downwind. Fight fire from upwind a safe distance to avoid hazardous vapors and decomposition products. Cool closed containers exposed to fire with water spray. Wear full protective clothing and self-contained breathing apparatus. Do not breathe smoke, gases or vapors generated.

Section V - Handling And Storage

STORAGE: Store in a cool, dry, well-ventilated place away from water sources and food. Do not use or store near heat, open flame or hot surfaces. Store in original containers only. Keep out of reach of children and animals. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.
WORK HYGIENIC PRACTICES: Clean water should be available for washing in case of eye or skin contamination. Wash skin prior to eating, drinking or using tobacco. Shower at the end of the workday
EYES AND FACE: For dust exposure, wear chemical protective goggles, face shield or safety glasses.
RESPIRATORY: For dust exposures wear, as a minimum, a properly fitted half-face or full-face air-purifying respirator, which is approved for pesticides (U.S. NIOSH/MSHA, EU CEN or comparable certification organization). Respirator use and selection must be based on airborne concentrations.
GLOVES: Wear chemical protective gloves made of materials such as rubber or neoprene. Thoroughly wash the outside of gloves with soap and water prior to removal. Inspect regularly for leaks.
PROTECTIVE CLOTHING: Depending upon concentrations encountered, wear coveralls or long-sleeved uniform and head covering. Launder all work clothing before reuse (separately from household laundry). .
ENGINEERING CONTROLS: Use local exhaust at all process locations where dust may be emitted. Ventilate all transport vehicles prior to unloading.

Section VI - Physical/Chemical Characteristics

PHYSICAL FORM: Solid
ODOR: none
pH: N/A
COLOR: golden – brown granule
BULK DENSITY: 38 – 42 lbs./cu. ft.
SOLUBILITY IN WATER: Insoluble

Section VII- Health Hazard Information

ROUTES OF ENTRY: Inhalation, Eyes, Skin, Ingestion.

EYES: Causes moderate eye irritation.

INHALATION: Avoid breathing dust or vapor.

SKIN: Harmful if absorbed through skin. Avoid Contact.

INGESTION: Harmful if swallowed. MEDICAL CONDITIONS AGGRAVATED: None presently known.

Section VIII – Stability & Reactivity Data

CONDITIONS TO AVOID: Excessive heat and fire.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxides, hydrogen chloride, hydrogen fluoride.

STABILITY: Stable but

POLYMERIZATION: Will not occur INCOMPATIBILITY: None known

Section IX - Toxicological Information

EYE EFFECTS: Mildly irritating (rabbit)

ORAL LD50: No data available for the formulation. Similar products: >5,000 mg/kg (rat)

Section X - Ecological Information

No data available for the formulation. Sulfentrazone is slightly toxic to fish and aquatic arthropods. Sulfentrazone has a very low order of toxicity to waterfowl.

Prodiamine is expected to be highly toxic to fish and aquatic invertebrates.

Section XI - Disposal Information

DISPOSAL METHOD: Do not contaminate water food or feed by disposal. Pesticide wastes are toxic. If spilled material cannot be disposed of by use according to label instructions, an acceptable method of disposal is to incinerate in accordance with local, state and national environmental laws, rules, standards and regulations. However, because acceptable methods of disposal may vary by location and regulatory requirements may change, the appropriate agencies should be contacted prior to disposal. EMPTY CONTAINER: Completely empty package into application equipment then dispose of empty package in accordance with all Federal, State and local regulations.

Section XII - Transport Information

U.S. DOT Proper Shipping name: Not regulated by DOT

DOT Hazard Class or Division: N/A DOT UN/NA Number: N/A

REPORTABLE QUANTITY (RQ): N/A DOT Emergency Response Guide: N/A

MARINE POLLUTANT: Not listed

Section XIII - Regulatory Information

UNITED STATES - SARA TITLE III –Not listed

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355): Not listed

SECTION 311 HAZARD CATEGORIES (40 CFR 370): Immediate, delayed.

SECTION 312 THRESHOLD PLANNING QUANTITY (40 CFR 370): The Threshold Planning Quantity (TPQ) for this product, if treated as a mixture, is 10,000 lbs.

SECTION 313 REPORTABLE INGREDIENTS (40 CFR 372): None

CERCLA RQ: Not listed

STATE REGULATIONS - PROPOSITION 65 STATEMENT: Not listed.

KEEP OUT OF REACH OF CHILDREN**ABBREVIATION KEY**

N/A: NOT AVAILABLE OR APPLICABLE

N/E: NOT ESTABLISHED ND: Not Determined

TLV: THRESHOLD LIMIT VALUE

TWA: TIME WEIGHTED AVG./8 HOUR WORKDAY

STEL: SHORT TERM EXPOSURE LIMIT

D.O.T.: DEPARTMENT OF TRANSPORTATION

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.