

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 Lightningfast Grass & Weed Killer
Ready To Use**

ID # 7500 (25b)

Date: October 17, 2007

Section I

Bonide Products, Inc.
6301 Sutliff Road
Oriskany, NY 13424

(800) 424-9300 (Chemtrec)
(315) 736-8231

Section II - Hazardous Ingredients/Identity

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Clove Oil				
Vingear				
Citric Acid				

Section III - Physical/Chemical Ingredients

PHYSICAL APPEARANCE: Opaque creamy tan liquid
BOILING POINT: 212°F
SOLUBILITY IN WATER: Complete

ODOR: Cloves & vinegar
SPECIFIC GRAVITY: 1.02 to 1.03
pH: 2 – 2.2

Section IV - Fire and Explosion Data

FLASHPOINT: > 200° F
EXTINGUISHING MEDIA: Foam, CO2, Dry Chemical, Water.
SPECIAL FIRE FIGHTING PROCEDURES: NA

Section V - Reactivity Data

STABILITY: Stable under normal conditions
HAZARDOUS POLYMERIZATION: Will not occur
INCOMPATIBILITY (Materials to Avoid): Alkalis, strong oxidizers
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: In fire conditions, CO, CO2, NOx, HCl may be produced.
CONDITIONS TO AVOID (INCOMPATIBILITY): Contact with Alkalies / bases

Section VI - Health Hazard Information

CAUTION! Due to the organic acid content, product is classified with a danger/corroxive precation. Harmful if in contact with eyes. Corrosive to eyes. Severe eye irritant. Slight skin irritant. Inhalation of concentrated vapor may cause respiratory tract irritation.

EYES: Direct exposure to undiluted product may cause burns and/or severe eye irritation with corneal opacification. Do not get in eyes.

SKIN: Moderate skin irritation. Prolonged or repeated exposure may cause skin irritation. Product has low dermal toxicity. Avoid contact with skin and clothing.

INGESTION: Low acute toxicity. Do not take internally.

INHALATION: Irritation of mucous membranes. Mists may cause upper respiratory tract irritation, coughing, a burning sensation. Avoid breathing spray mist.

MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE: Skin exposure may aggravate existing skin conditions. Exposure to mist may aggravate existing respiratory conditions.

Section VII - Precautions for Safe Handling/Use

STORAGE AND HANDLING: Handle and open container in a manner too prevent spillage. Store in a cool, dry place and avoid excess heat. Store in original containers only. Good hygiene should always be practiced with this or any chemical. Wash hands and other exposed skin surfaces prior to smoking, eating or drinking. Store away from food, feed and potable water sources. Do not contaminate other pesticides, fertilizers, water, food or feed by improper storage or disposal.

STORAGE: Store in original container in a locked area, inaccessible to children and pets. Keep from freezing. Do not allow cross-contamination of pesticides, fertilizers, seeds, feed or food.

VENTILATION REQUIREMENTS: Good local ventilation is required. Mechanical exhaust may be necessary if product is applied in an enclosed area.

RESPIRATORY PROTECTION: Not usually needed if used with ventilation. Use local ventilation.

PROTECTIVE CLOTHING: Wear long sleeves and pants; chemical-resistant gloves and shoes.

EYE PROTECTION: Safety glassess or safety goggles.

OTHER PRECAUTIONS: Do not contaminate water supplies with rinsate from equipment cleaning or spill clean-up. Do not apply this product when it may drift from the target area. Do not apply directly to water.

Section VIII - First Aid

EYES: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

SKIN: Remove contaminated clothing and wash with soap and water immediately and thoroughly for 15 minutes. Take off contaminated clothing and shoes. Obtain medical attention.

INHALATION: Remove to fresh air. If breathing is difficult or if any discomfort persists, obtain medical attention.

INGESTION: Administer 3-4 glasses of milk or water. Do not induce vomiting. Seek medical attention.

Have the product container or label with you when calling a poison control center or doctor or going to for treatment.

Section IX - Environmental and Disposal Information

SPILL OR LEAK: Ventilate the area. For large spills construct a dike to prevent spreading. Use material such as dry soil or kitty litter to absorb the material for disposal. Flush area with water.

WASTE DISPOSAL: Dispose of contents in accordance with state requirements.

It is in violation of Federal Law to use this product in a manner inconsistent with label precautions and directions.

KEEP OUT OF REACH OF CHILDREN

ABBREVIATION KEY

N/A: NOT AVAILABLE OR APPLICABLE

TLV: THRESHOLD LIMIT VALUE

STEL: SHORT TERM EXPOSURE LIMIT

NI=Not Indicated

N/E: NOT ESTABLISHED

TWA: TIME WEIGHTED AVG./8 HOUR WORKDAY

D.O.T.: DEPARTMENT OF TRANSPORTATION

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