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

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved for specific

OMB No. 1218-0072

IDENTITY (As Used on Label and List)
Bonide Tomato & Vegetable Ready to Spray **ID # 67702174(4)**
Date: July 14, 2010

Section I

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

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

Section II - Ingredients/Identity

Components (Common Names(s)	OSHA	PEL	ACGIN	TLV	Other Limits	% (Optional)
Sulfur CAS Reg. No. 7778-18-9						10.00%
Pyrethrins CAS Reg. No. 8003-34-7						0.25%

Section VI - Physical and Chemical Properties

APPEARANCE: Pale yellow, translucent solution
PHYSICAL STATE: Liquid
MELTING POINT/FREEZE POINT: ND
VAPOR DENSITY (Air=1): ND
pH: ~4.75

ODOR: Slight alcohol
BOILING POINT RANGE: >100° C
VAPOR PRESSURE: ND
SPECIFIC GRAVITY: ~ 1.00

Section V – First Aid Measures

EYES: Flush eyes with plenty of water. Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician if irritation persists. **SKIN**: Wash thoroughly with soap and water. **INHALATION**: Remove to fresh air. Seek medical attention if irritation persists. **INGESTION**: Do not induce vomiting. Drink 2-3 glasses of water. Contact physician for further treatment.

Section IV – Health Hazard Data

POTENTIAL HEALTH EFFECTS: Primary Route(s) of Entry: Eye, skin contact, inhalation of mist.
EYES: May cause mild, reversible eye irritation.
SKIN: May cause mild skin irritation. Repeated exposure may cause mild sensitization.
PROTECTIVE REQUIREMENTS:
WORK CLOTHING: Wear long-sleeved coveralls or uniform, cap, safety shoes and neoprene or impervious gloves.
EYE PROTECTION: Where potential of splashing exists, or contact with mist, protective goggles and face shield should be worn. A source of clean water for flushing the eyes should be nearby.

Section III – Fire/Explosion Hazard Data

FLASH POINT: >325 degrees F
EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam or Water.
FIRE FIGHTING COMMENTS: Isolate fire area. Evacuate downwind residents and all areas where fire seriously threatens the product containers. Wear full protective clothing including rubber boots, neoprene gloves and self-contained breathing apparatus. Attempt to keep containers cool. Do no breathe or contact smoke or vapors. Contain the run-off, if possible, for proper disposal.

Section VI - HANDLING AND STORAGE

GENERAL PROCEDURES: Store in a cool, dry, well-ventilated place. 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 Freeze. Always practice good hygiene when working with this or any chemical.

Section VI - HANDLING AND STORAGE

PERSONAL PROTECTIVE EQUIPMENT:
EYES AND FACE: For Mist exposure, wear chemical protective goggles, face shield or safety glasses.
RESPIRATORY: Avoid breathing mist or vapor. Use only with adequate ventilation or protective equipment. Apply with wind to back, avoid standing in mist or spray.
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).
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.
ENGINEERING CONTROLS: Use local exhaust at all process locations where dust may be emitted.

Section VII– Reactivity Data

STABILITY: Stable
INCOMPATIBLE MATERIALS: None noted
HAZARDOUS DECOMPOSITION PRODUCTS. None noted
HAZARDOUS POLYMERIZATION: Will not occur.

Section VIII - Ecological Data

Do not apply directly to water, or to areas where surface water is present or in areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of water.

Section IV - Environmental and Disposal Information

STORAGE AND HANDLING: Store in a cool, dry place and avoid excess heat. Store in original containers only. Wash hands and other exposed skin surfaces prior to smoking or consuming food or beverages. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by improper storage or disposal.
SPILL OR LEAK: Isolate and post spill area. Keep material out of streams and sewers. Contain and absorb spilled material with a solid absorbent such as sand, cat litter, commercial clay or other suitable absorbent. Place in an approved drum and dispose of material following the method outlined below under "Waste Disposal".
WASTE DISPOSAL: Because acceptable methods of disposal may vary by location and because regulatory requirements may change, the appropriate regulatory agencies should be contacted prior to disposal. Steel containers which contained these materials must be crushed and disposed of in a sanitary landfill. Do not cut or weld steel containers.

Section V - Special Precautions

In case of a large spill or leak, contain liquid with sand or other noncombustible material, then place in clean container for disposal. Wastes, including spills or rinsates, and leftover pesticide that cannot be used according to label instructions must be disposed of according to applicable federal, state, or local procedures.
NFPA HAZARD RATING: Health: 0 , Fire: 0 , Reactivity: 0 , Special: -
DOT: Not regulated
OTHER REGULATORY CLASSIFICATIONS:
SARA TITLE III: EHS – No, CERCLA Reportable – No, Toxic chemicals - No
NOTICE: This information is believed to be accurate and reliable. However, no guarantee expressed or implied is made with repect to the information contained herein.

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

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