

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 Sucker Punch Knock Out Sprouts RTU

**ID # 54814604**

Date: June 6, 2013

### Section I - Identification

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)
Ethyl 1-Naphthaleneacetate CAS #2122-70-5		N/D		1.15%

**Emergency Overview:** WARNING: Harmful if swallowed or inhaled. Avoid contact with skin, eyes and clothing. Avoid breathing spray mist. May cause skin and eye irritation.

### Section III - 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. If irritation persists consult with a physician.

**INHALATION:** Remove to fresh air. If breathing is difficult or if any discomfort persists, consult a physician.

**INGESTION:** If swallowed, call a poison control center or doctor immediately for treatment advice. Have person sip glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Never give anything by mouth to an unconscious person. Do not leave victim unattended. Have the product container or label with you when calling a poison control center or doctor or going to for treatment.

**NOTE TO PHYSICIAN:** Treat symptomatically. May aggravate preexisting skin disease or impaired breathing function.

### Section IV - Fire and Explosion Data

FLASHPOINT: 300° F

AUTO IGNITION: >400° f

EXTINGUISHING MEDIA: Foam, CO2, Dry Chemical, Water

**SPECIAL FIRE FIGHTING PROCEDURES:** Keep out of smoke. Burning may produce carbon monoxide and other unknown toxic gases. Do not breathe or contact smoke or vapors. Dike water and runoff. Equipment or materials involved in pesticide fires may become contaminated. Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.

NFPA: Health - 1

Flammability - 1

Reactivity- 0

Others - none

### Section V- Accidental Spill/Release

**SPILL OR LEAK:** Isolate and post spill area. Wear prescribed protective clothing and equipment. Keep material out of streams and sewers. Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water. 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". To decontaminate spill area, tools and equipment, wash with a suitable solution (e.g. organic solvent or detergent) and dispose of solution following the method outlined below under "Disposal Information".

## Section VI - Exposure Controls/ Personal Protection

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

EYE PROTECTION: Safety glasses with side shields, safety goggles or face shield

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

RESPIRATORY PROTECTION: Not normally needed. AMSHA/NIOSH approved respirator fitted with cartridges for pesticide mist should be used when handling large spills or leaks. No TLV established.

## Section VII - Handling and Storage

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HANDLING: Handle and open container in a manner too prevent spillage. Store in a cool, dry place and avoid excess heat or open flame. 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. Remove contaminated clothing and wash before reuse. . Do not take internally. DO NOT REUSE CONTAINERS.

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. Store away from food, feed and potable water sources. Do not contaminate domestic water supplies or water used for irrigation.

## Section VIII - Physical/Chemical Ingredients

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PHYSICAL APPEARANCE: White liquid

ODOR: Mild chemical odor

BOILING POINT: 212° F (100°) C

SPECIFIC GRAVITY: .0926 g/ml

SOLUBILITY IN WATER: Soluble

pH: 8-9

## Section IX- Stability & Reactivity Data

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STABILITY: Stable under normal conditions      HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY (Materials to Avoid): Oxidizing agents

CONDITIONS TO AVOID (INCOMPATIBILITY): Heat and fire. Thermal decomposition and burning may produce toxic by-products such as Nitrogen oxides and hydrogen chloride.

## Section X - Toxicology Information

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EYE CONTACT: Products of this type cause eye irritation.

SKIN CONTACT: Products of this type may cause mild skin irritation.

TERATOGENICITY: NA

Mutagenicity: NA

## Section XI - Ecological Information

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Herbicide wastes are toxic. 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 XII - Disposal Information

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WASTE DISPOSAL: Open dumping or burning of this material is prohibited. An acceptable method of disposal is to burn in an incinerator in accordance with all local, state and federal environmental laws, rules, standards and regulations. 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.

## Section XIII – Transportation Information

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DOT PROPER SHIPPING NAME: Not Regulated

PACKING GROUP: None

RQ: No

MARINE POLLUTANT: No

## Section XIV – Regulatory Information

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OTHER REGULATORY CLASSIFICATIONS:

SARA TITLE III- Section 302: Notification and Information – None.

SARA TITLE III; Section 311 & 312:

Immediate Health Hazard: Yes      Delayed Health Hazard: Yes

SARA TITLE III; Section 313: Toxic Chemical Release Reporting – None.

CA Prop 65- None

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**

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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

**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.