



# SAFETY DATA SHEET

## Yard Fresh

### Section 1: Product and Company Identification

**Product Name:** Yard Fresh

**Chemical Name/Synonyms:** Water Soluble Deodorizer

**Environmental Biotech**

1816 59th Terrace East

Bradenton, FL 34203 USA

1-941-757-2591

www.environmentalbiotech.com

**24hr. Emergency Spill: INFOTRAC,** Client #113791: 1-800-535-5053 (Domestic USA) or 1-352-323-3500

(International) **For information about this SDS, use this department contact phone#:** 1-941-877-2870

**HMIS:**

Health- 1 Flammability- 2 Reactivity- 0

Pers. Protection- N

**WHMIS:** B 3, D 2 B

**NFPA:**

Health- 1 Flammability- 2 Reactivity- 0

Special Hazard-N

### Section 2: Hazards Identification

**Appearance/Odor:** Blue-green liquid, spicy aroma

**Flammability:** R10: Flammable liquid.

**Health Hazards Listed:** May be a mild irritant.

**Ecological Hazards Listed:** None known.

**Potential Health Effects:** See section 11 for more information.



**Signal Word:** WARNING.

**Risk Phrases:** R36/37/38 - Irritating to eyes, respiratory system and skin.

**Safety Phrases:** S2 - Keep out of reach of children. S13 - Keep away from food, drink and animal feeding stuffs. S37/39 - Wear suitable gloves and eye/face protection.

**Hazard Phrases:** H303 - May be harmful if swallowed. H335 - May cause respiratory irritation.

**Precautionary Phrases:** P233 - Keep container tightly closed. P234: Keep only in original container. P235 - Keep cool.

**Likely Routes of Exposure:** Skin, eyes.

**Eye:** Direct exposure can irritate.

**Skin:** Prolonged exposure can irritate.

**Ingestion:** Not expected to be a problem.

**Inhalation:** Not likely to be a problem.

**Medical Conditions Aggravated By Exposure:** Allergies to fragrances.

**Target Organs:** None known.

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP. This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Potential Environmental Effects:** None known (See section 12 for more information).

### Section 3: Composition/ Information on Ingredients

Chemical Name	CAS #	% Weight	WHMIS Controlled?
Ethanol	64-17-5	1 - 5	Y
Cinnamaldehyde	104-55-2	3 - 7	Y
n-Pentyl Acetate	628-63-7	1 - 5	Y
Methyl Salicylate	119-36-8	1 - 5	Y
d-Limonene	5989-27-5	1 - 5	Y
Octoxynol-10	9036-19-5	20 - 40	Y

### Section 4: First-Aid Measures

**Skin Contact:** Wash with plenty of soap and water.

**Eye Contact:** Flush eyes with copious amounts water for several minutes. Remove contact lenses if present and easy to do. Hold lids apart. Continue rinsing. If irritation persists, consult a physician.

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Ingestion:** Give water or milk to drink if conscious.

**Note to Physicians:** Contains more than 10% fragrance oils. Induction of vomiting is NOT recommended. If needed, gastric lavage may be used.

### Section 5: Fire-Fighting Measures

**Suitable extinguishing agents:** Water, Foam, carbon dioxide or dry chemical.

**Unsuitable extinguishing agents:** None Known.

**Products of Combustion:** Oxides of carbon, nitrogen, and sulfur.

**Special protective equipment for firefighters:** As for surrounding fire.

### Section 6: Accidental Release Measures

**Personal precautions:** Keep out of eyes. Avoid skin contact.

**Measures for environmental protection:** Keep out of surface waters.

**Measures for containment:** Dike with sand, clay, or other suitable material.

**Measures for cleaning/collecting:** Absorb on sand, clay, or other suitable material.

### Section 7: Handling and Storage

**Handling:** Reasonable care. Keep away from skin and eyes.

**Storage:** Keep out of the reach of children. Keep in closed original container at ambient temperatures (below 5-50°C, 40-120°F).

### Section 8: Exposure Controls/Personal Protection

Component	TWA:	LD-50
Ethanol	TLV 1000 ppm	7060 mg/kg
Cinnamaldehyde	None established	2220 mg/kg
n-Pentyl Acetate	TLV 50 ppm	14000 mg/kg
Methyl Salicylate	None established	887 mg/kg
d-Limonene	None established	>5000 mg/kg
Octoxynol-10	Mists TLV 10 mg/cu m	707 mg/kg

**Engineering Controls:** Normal ventilation.

**Eye/Face Protection:** Protective goggles recommended if handling large quantities.

**Skin Protection:** Rubber or other protective gloves recommended if handling larger quantities.

**Respiratory Protection:** Not normally necessary.

**General Hygiene Considerations:** Keep out of food and beverages.

## Section 9: Physical and Chemical Properties

**Form:** Color varies upon description, liquid

**Odor:** Varies upon description

**Odor threshold:**

**pH:** 6.0 - 7.5

**Melting point/melting range:** NA

**Boiling point/boiling range:** >100°C / >212°F

**Flash point:** >205°F PMCC

**Freezing Point:** Not determined.

**Evaporation rate:** As water.

**Flammability (solid, gas):** NA

**Upper/lower flammability or explosive limits:** Not determined.

**Auto ignition temperature:** Not determined.

**Danger of explosion:** None

**Specific Gravity:** 1.01 - 1.04

**Vapor pressure:** As water.

**Vapor density:** Not determined.

**Volatile Organic Compound (VOC), % weight:** Less than 10%

**Percent Volatile:** 40-45% including water

**Solubility in/Miscibility with water:** At some concentration may appear milky on first mixing.

## Section 10: Stability and Reactivity

**Chemical stability:** Stable

**Conditions to avoid:** None known

**Incompatible materials:** None known

**Hazardous decomposition products:** None known

**Possibility of Hazardous Reactions:** Extremely unlikely

## Section 11: Toxicological Information

### ACCUTE EFFECTS

**Oral LD50:** Not determined for mixture. Weighted average more than 1330 mg/kg.

**Dermal LD50:** Not determined for mixture. Weighted average more than 2800 mg/kg.

**Skin Irritation:** Prolonged or repeated contact can irritate or dry skin.

**Eye Irritation:** Direct contact is irritating. If eyes are not rinsed immediately, irritation can become severe.

**Inhalation:** Not determined. Weighted average more than 4 mg/L.

**Sensitization:** None known.

### CHRONIC EFFECTS

**Carcinogenicity:** None known.

**Mutagenicity:** None known.

**Reproductive toxicity:** None known.

**Developmental Effects:** None known.

**Target organs:** None known.

## Section 12: Ecological Information

**Ecotoxicity:** None known.

**Mobility:** Not determined.

**Biodegradation:** Biodegradable.

**Bioaccumulation:** Not determined.

### Section 13: Disposal Considerations

Dispose in accordance with Federal, State, or Provincial and Local Regulations

### Section 14: Transport Information

#### US DOT (ground)

Proper Shipping Description: Not a Hazardous Material

#### CANADA TDG (ground)

Proper Shipping Description: Not a Dangerous Good

#### ICAO (air)

Proper Shipping Description: UN1170, Ethyl Alcohol Solution, Class 3, Packing Group III

#### IMDG (water)

Proper Shipping Description: UN1170, Ethyl Alcohol Solution, Class 3, Packing Group III

### Section 15: Regulatory Information

#### Global Inventories

**TSCA - United States:** Included

**DSL – Canada:** Included

**ECL – Korea:** Not known

**PICCS – Philippines:** Not known

**ENCS – Japan:** Not known

**AICS – Australia:** Included

**IECS – China:** Not known

**European Union:** Included

**SARA 313 Information:** No Sara 313 chemicals present at reportable levels

**California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):** No Proposition 65 substances present

**WHMIS – Canadian Workplace Hazardous Material Information System:** B 3, D 2 B

### Section 16: Other Information

HMIS Ratings :

<b>HEALTH</b>	1
<b>FLAMMABILITY</b>	2
<b>REACTIVITY</b>	0
<b>PERSONAL PROTECTION</b>	N

Legends: NFPA, HMIS: 0 = Minimal Hazard, 1 = Slight Hazard, 2 = Moderate Hazard, 3 = Severe Hazard, 4 = Extreme Hazard

**SDS date of preparation/update:** 05/04/2020

**Prepared by:** Technical Department

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