



Safety Data Sheet

Issue Date: 04-Dec-2012

Revision Date: 03-Apr-2015

Version 2

1. IDENTIFICATION

Product Identifier

Product Name

Fruit Fly Destroyer

Other means of identification

SDS#

Item #FDD-31 and FFD-32

Recommended use of the chemical and restrictions on use:

Recommended Use

Bio-Based Fruit Fly Kill Spray For Drains

For a quick kill in the fruit fly larva stage

Uses Advised Against

For industrial and institutional use only.

Details of the supplier of the safety data sheet

Supplier Address:

Pure Drain Defender LLC.

901 Checkerspot Way

Chesapeake, VA 23323

Website

www.puredraindefender.com

Business Phone Number

757.956.6440

Emergency Number

ChemTel 1.800.255.3924 (24 Hours)

Contract Number

MIS2933514

2. HAZARDS IDENTIFICATION

Appearance Milky light green

Physical State Thick Liquid

Odor: Light peppermint scent

Classification

! Flammable Liquids

! Category 1

Signal Word Warning

Hazard Statements

Combustible liquid.

Precautionary Statements - Prevention

Keep away from heat / sparks/openflames / hot surfaces. - No smoking around product.

Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response

IN CASE OF FIRE: Use CO2, dry chemical or foam for extinction.

Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool.

Precautionary Statements - Disposal

Dispose of contents / container to an approved waste disposal plant.

Unknown Acute Toxicity

0.25% of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Proprietary Oil	Proprietary	Proprietary

If Chemical Name/GAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation occurs.
Skin Contact	Wash with soap and water. If skin irritation persists, call a physician.
Inhalation	Remove to fresh air. Get medical attention if discomfort persists.
Ingestion	Give several glasses of water. Do not induce vomiting. If any discomfort persists, obtain medical attention. Never give anything by mouth to an unconscious person.

Most important symptoms and effects

Symptoms	May cause skin and eye irritation. May irritate the digestive
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tract. Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Carbon dioxide (CO₂). Dry chemical. Foam.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Combustion products may be toxic.

Hazardous Combustion Products Carbon oxides.

Protective equipment and precautions for firefighters

As in any tire wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Use personal protective equipment as required. Remove all sources of ignition.
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Methods and material for containment and cleaning up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
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Methods for Clean-Up

Contain and collect with an inert absorbent and place into an appropriate container for disposal. Wash area with soap and water.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Ensure that all containers are labeled in accordance with OSHA regulations. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

Incompatible Materials

Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

No exposure limits noted for ingredient(s).

Appropriate engineering controls

Engineering Controls

Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Avoid contact with eyes.

Skin and Body Protection

No protective equipment is needed under normal use conditions.

Respiratory Protection

Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State

Liquid

Appearance

Milky thick liquid

Odor

Light peppermint scent

Color

Light Green

Odor Threshold

Not determined

Property

Values

Remarks • Method

pH

7-8

Melting Point / Freezing Point

Not determined

Boiling Point/Boiling Range

Not determined

Flash Point

79.5 °C / 175 °F

Evaporation Rate

Not available

Flammability (Solid, Gas)

n/a-liquid

Upper Flammability Limits

Not available

Lower Flammability Limit

Not available

Vapor Pressure

Not determined

Vapor Density

Not determined

Specific Gravity

1.01

(Water= 1)

Water Solubility	Soluble in water
Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Auto-ignition Temperature	Not determined
Decomposition Temperature	Not determined
Kinematic Viscosity	Not determined
Dynamic Viscosity	Not determined
Explosive Properties	Not determined
Oxidizing Properties	Not determined
VOC Content	None

10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing. Hazardous polymerization does not occur.

Conditions to Avoid
Keep out of reach of children.

Incompatible Materials
Strong oxidizing agents.

Hazardous Decomposition Products
Carbo oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	Avoid contact with
Skin Contact	eyes. Avoid contact with
Inhalation	skin. No known effect.
Ingestion	Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Proprietary Oil	= 2426 mg/kg (Rat)	-	-
Trade Secret	= 25 g/kg (Rat)	-	-

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SOS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity
Not determined

Unknown Acute Toxicity

0.25% of the mixture consists of ingredient(s) of unknown toxicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Not determined

Persistence/Degradability
Not determined

Bioaccumulation
Not determined

Mobility
Not determined

Other Adverse Effects
Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Not regulated.

Not regulated.

Not regulated.

15. REGULATORY INFORMATION

International Inventories

TSCA

Not Listed.

Legend:

TSCA - United States Toxic Substances Control Act Section B(b) Inventory

US Federal Regulations

SARA 311/312 Hazard Categories

Not determined

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

US State Regulations

California Proposition 65

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Trade Secret			X
Trade Secret			X

EPA Statement

This product is exempt from registration under FIFRA section 25(b).

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	Not determined	Not determined	Not determined	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	0	1	0	None

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Revision Date: 03-Apr-2015
Revision Note: New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet