1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier
Product Name
Drain Vapor BARRIER

Other means of identification
SDS #
DVB-16

Recommended use of the chemical and restrictions on use
Recommended Use
Urinal and Drain Treatment.

Details of the supplier of the safety data sheet
Supplier Address
Pure Drain Defender, LLC.
7631 E. Greenway Road, Suite B1
Scottsdale, AZ 85260
support@puredraindefender.com

Emergency Telephone Number
Company Phone Number
480-535-6644
Emergency Telephone (24 hr)
800-535-5053

2. HAZARDS IDENTIFICATION

Appearance
Dark olive green liquid

Physical State
Liquid

Odor
Peppermint

Classification
Flammable Liquids
Category 4

Hazard Statements
Combustible liquid

Precautionary Statements - Prevention
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
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.
**Chemical Name/Composition**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary Oil Blend</td>
<td>Proprietary</td>
<td>95-100</td>
</tr>
</tbody>
</table>

*If Chemical Name/CAS 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.*

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**First Aid Measures**

**Eye Contact**
Immediately flush eyes thoroughly with water for at least 15 minutes. If symptoms develop, seek medical attention.

**Skin Contact**
Wash with soap and water. If irritation persists, seek medical attention.

**Inhalation**
Not likely, due to the form of the product. If symptomatic, move to fresh air. Seek medical attention if irritation persists.

**Ingestion**
Do not induce vomiting. Drink several glasses of water. See physician if symptoms persist. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects**

**Symptoms**
Eye contact may be slightly irritating. Prolonged or repeated skin contact may cause irritation. May irritate the digestive tract.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician**
Treat symptomatically.

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**Suitable Extinguishing Media**

**Unsuitable Extinguishing Media**
Not determined.

**Specific Hazards Arising from the Chemical**
Combustible liquid.

**Hazardous Combustion Products**
Hazardous decomposition products formed under fire conditions. Carbon monoxide. Carbon dioxide (CO2).

**Protective equipment and precautions for firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool containers exposed to fire with water.

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**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions**
Use personal protective equipment as required.

**Environmental Precautions**
Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.
Methods and material for containment and cleaning up

Methods for Containment
Eliminate all ignition sources. Absorb spill with inert material (e.g. dry sand or earth).

Methods for Clean-Up
Sweep up and shovel into suitable containers for disposal. Wash area with soap and water.

Precautions for safe handling

Advice on Safe Handling
Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Wear protective gloves/protective clothing and eye/face protection. Wash face, hands, and any exposed skin thoroughly after handling. Remove contaminated clothing and wash before reuse.

Conditions for safe storage, including any incompatibilities

Storage Conditions
Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep in properly labeled containers.

Incompatible Materials
Strong oxidizing agents.

Exposure Guidelines
No exposure limits noted for ingredient(s).

Appropriate engineering controls

Engineering Controls
Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

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.

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Dark olive green liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Dark olive green</td>
</tr>
<tr>
<td>Odor</td>
<td>Peppermint</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined</td>
</tr>
</tbody>
</table>
### Property Values Remarks • Method

<table>
<thead>
<tr>
<th><strong>Property</strong></th>
<th><strong>Values</strong></th>
<th><strong>Remarks • Method</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>Not Applicable</td>
<td></td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
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</tr>
<tr>
<td>Flash Point</td>
<td>&gt;65 °C / &gt;149 °F</td>
<td>TCC</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>Liquid-Not Applicable</td>
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</tr>
<tr>
<td>Upper Flammability Limits</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
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<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
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<td></td>
</tr>
<tr>
<td>Vapor Density</td>
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<td></td>
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<tr>
<td>Specific Gravity</td>
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<td></td>
</tr>
<tr>
<td>Water Solubility</td>
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<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
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<td></td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>Not determined</td>
<td>Auto-ignition</td>
</tr>
<tr>
<td>Temperature</td>
<td>Not determined</td>
<td>Temperature</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
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<td></td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
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<td></td>
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<tr>
<td>Dynamic Viscosity</td>
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</tr>
<tr>
<td>Explosive Properties</td>
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<tr>
<td>Oxidizing Properties</td>
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<td></td>
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<tr>
<td>VOC Content</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

#### Reactivity

Not reactive under normal conditions.

#### Chemical Stability

Stable under recommended storage conditions.

#### Possibility of Hazardous Reactions

Hazardous polymerization does not occur.

#### Conditions to Avoid

Keep away from sources of ignition — No smoking. Keep out of reach of children.

#### Incompatible Materials

Strong oxidizing agents.

#### Hazardous Decomposition Products

Hazardous decomposition products formed under fire conditions. Carbon monoxide. Carbon dioxide (CO2).

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### Information on likely routes of exposure

#### Product Information

- **Eye Contact**: Avoid contact with eyes.
- **Skin Contact**: Avoid contact with skin.
- **Inhalation**: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
- **Ingestion**: Do not taste or swallow.
Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peppermint Oil</td>
<td>2426 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
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<tr>
<td>8006-90-4</td>
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<tr>
<td>Cornmint Oil</td>
<td>1240 mg/kg (Rat)</td>
<td>&gt; 5 g/kg (Rabbit)</td>
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<tr>
<td>68917-18-0</td>
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</table>

Information on physical, chemical and toxicological effects

**Symptoms**
Please see section 4 of this SDS 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

**Ecotoxicity**
Not determined

**Persistence/Degradability**
Not determined

**Bioaccumulation**
Not determined

**Mobility**
Not determined

**Other Adverse Effects**
Not determined

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.

**Note**
According to 49 CFR §173.150(f) (1), this material should be reclassified as "NA1993, Combustible Liquid, N.O.S." if it is shipped in bulk.

**DOT**
Not regulated

**IATA**
Not regulated
IMDG  
Not regulated

International Inventories

TSCA  
Not Listed.

Legend:
TSCA - United States Toxic Substances Control Act Section 8(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 any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary Oil Blend</td>
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NFPA

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

HMIS

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>None</td>
</tr>
</tbody>
</table>

Issue Date: 10-Jul-2013
Revision Date: 15-Jul-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 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