

Pure Drain™
DEFENDER, LLC
Safety Data Sheet

Issue Date: 10-Jul-2013

Revision Date: 15-Jul-2015

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

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	CAS No	Weight-%
Proprietary Oil Blend	Proprietary	95-100

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.

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.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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Suitable Extinguishing Media

Water fog. Carbon dioxide (CO₂). Dry chemical. Foam. Sand/earth.

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.

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

Physical State	Liquid	Odor	Peppermint
Appearance	Dark olive green liquid	Odor Threshold	Not determined
Color	Dark olive green		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not Applicable	
Melting Point/Freezing Point	Not Available	
Boiling Point/Boiling Range	Not Available	
Flash Point	>65 °C / >149 °F	TCC
Evaporation Rate	Not Available	
Flammability (Solid, Gas)	Liquid-Not Applicable	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	Not Available	
<u>Water Solubility</u>	insoluble	
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	
<u>Oxidizing Properties</u>	Not determined	
VOC Content	None	

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).

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

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Peppermint Oil 8006-90-4	= 2426 mg/kg (Rat)	-	-
Corrmint Oil 68917-18-0	= 1240 mg/kg (Rat)	> 5 g/kg (Rabbit)	-

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Proprietary Oil Blend			X

NFPA

Health Hazards

Flammability

Instability

Special Hazards

HMIS

Health Hazards

Flammability

Physical Hazards

Personal Protection

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None

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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