



Bio Solutions, LLC

SAFETY DATA SHEET

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NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers.

SECTION 1. IDENTIFICATION

Product Identifier:	Bio Pipe Pickle 4.2	Emergency Telephone #:	(800) 424-9300
Product Use:	Pipe Pickle and Dope Remover	General Information #:	(985) 709-4892
Manufactured and Distributed by:	Bio Solutions, LLC P.O. Box 20427 Houma, LA 70360	Date Prepared:	April 5, 2016

SECTION 2. HAZARD(S) IDENTIFICATION

HMIS Ratings: Health 1, Fire 2, Reactivity 0, (scale 0 - 4), Personal Protection H



Signal Word: WARNING

Hazard Class	Category	Code	Hazard Statement
Irritant	2	H302	Harmful if swallowed.
	2	H315	Causes skin irritation.
	2	H320	Causes eye irritation.
	3	H335	May cause respiratory irritation/may be narcotic.
Flammability	3	H227	Combustible Liquid

Precautionary	Code	Statement
General	P101	If medical advice is needed, have product label at hand.
	P102	Keep out of reach of children.
	P103	Read label before use.
	P273	Avoid release to the environment.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
Disposal	P501	Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Common Name	CAS#	Range%
D-Limonene	None	94266-47-4	Proprietary
Blend of D-Limonene and hydrocarbon solvents	Proprietary	Proprietary	Proprietary

Caution:

- Combustible: Yes.

Carcinogenicity:

- NTP: No
- IARC Monographs: No
- OSHA Regulated: No

SECTION 4. FIRST AID MEASURES

- Eyes: Flush well with water for 15-20 minutes. Get medical attention if irritation persists.
- Skin: Remove contaminated clothing, Immediately wash skin for 15 minutes with soap and plenty of water. If irritation persists, seek medical attention. Launder contaminated clothing before reuse.
- Inhalation: Move victim to fresh air. If not breathing, give CPR. If breathing is difficult, have a trained person administer oxygen. Get medical attention.
- Ingestion: DO NOT INDUCE VOMITING. Call a physician immediately. If victim is conscious and alert, have him wash mouth out with water, then give 1 pint (16oz.) lukewarm water. Never give anything by mouth to an unconscious person.

SECTION 5. FIRE-FIGHTING MEASURES

Flash Point: Approximately 124°F (TCC)

- Fire fighting equipment: Wear full bunker gear including a positive pressure self contained breathing apparatus (SCBA) in any enclosed space.
- Fire/Explosion hazard: Containers may explode from internal pressure if confined to fire. Cool with water. Keep unnecessary people away.
- Hazardous combustion products: Smoke, Oxides of Carbon.
- Extinguishing media: Dry power, Carbon Dioxide (CO₂), Alcohol Foam

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Eliminate all ignition sources. Ventilate area.

- For all Spills: Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Absorb spill with inert material, then place in a container for industrial waste. Dispose of contaminated absorbent material in accordance with local, State and Federal regulations.



SECTION 7.

HANDLING AND STORAGE

- **Handling:** Wear personal protection equipment. Use with adequate ventilation. Do not handle around sources of ignition. Avoid breathing vapors and prolonged contact with skin. Wear impervious gloves. Wash thoroughly after handling and launder all contaminated clothing before reuse.
- **Storage:** Keep away from heat and flames. Use with adequate ventilation.

SECTION 8.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients	CAS#	OSHA/PEL	ACGIH/TLV	STEL
D-Limonene	94266-47-4	None established	None established	None established
Blend of D-Limonene and hydrocarbon solvents	Proprietary	None established	None established	None established

Engineering Controls: Provide adequate ventilation. Keep the risk of exposure to a minimum.

Personal protective equipment:

- **Eye:** Safety glasses with side shields and/or splash proof goggles.
- **Skin:** Wear impervious gloves and chemical apron.
- **Respirator:** Not normally required.
- **Clothing:** Normal materials handling clothing.
- **Other:** Use only in a well-ventilated area.

SECTION 9.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Blue liquid	Upper / Lower flammability limits	6.1% / 0.7%
Odor	Citrus	Vapor pressure	Not determined
Odor threshold	Not determined	Vapor density (Air = 1)	Not determined
pH	Not applicable for oils	Specific gravity (H ₂ O = 1.0)	0.810 - 0.855
Boiling point	310°	Solubility	Insoluble
Flash point	Approximately 124°F (TCC)	Auto-ignition temperature	Not determined
Flammability	Flash point below 200 °F	Freezing Point	Not determined

SECTION 10.

STABILITY AND REACTIVITY

- **Reactivity:** Not reactive under normal conditions.
- **Chemical stability:** Stable under normal, ambient temperature and conditions.
- **Possibility of hazardous reactions:** Hazardous polymerization will not occur.
- **Conditions to avoid:** Excessive heat. Do not mix with other chemicals.
- **Incompatible materials:** None known
- **Hazardous combustion products:** None known

SECTION 11.

TOXICOLOGICAL INFORMATION

Acute and Chronic Toxicity (short and long term): No information is available on this blend.

- **Eye Contact:** Liquid, vapor and mist causes eye irritation and/or redness.
- **Skin Contact:** Causes skin irritation and drying of skin.
- **Inhalation:** May cause irritation of the nose and throat with possible headache. Can cause narcotic effect.
- **Ingestion:** Harmful if swallowed. Do not induce vomiting. Get medical attention immediately.

SECTION 12.

ECOLOGICAL INFORMATION

Aquatic Effects:

- **Blend information:** None available.

SECTION 13.

DISPOSAL CONSIDERATIONS

- **Disposal of Wastes:** Industrial waste. Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.
- **Contaminated Packaging:** Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.

SECTION 14.

TRANSPORT INFORMATION

United States DOT:

- **Shipping Name:** Combustible liquid N.O.S. (I.D. # NA1993)
- **Packaging Group:** III
- **Technical Name:** Terpene hydrocarbon and hydrocarbon solvent.
- **Reportable Quantity (RQ):** N/A
- **Packaging Size:** Bulk/Not regulated in drums or containers <119 gallons.

IMDG and IATA:

- **Regulated:** No
- **Marine Pollutant (IMDG Code):** No
- **Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code):** Not listed



SECTION 15.

REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under (40 CFR 720.30)

SARA Section 302: The components of this product are not regulated, nor present any negligible concentrations.

SARA TITLE III Section 311/312:

- Immediate (Acute) Health = Yes
- Delayed (Chronic) Health = Unknown
- Fire Hazard = Yes (Combustible <200°)
- Reactive Hazard = No

SARA Title 313: This material does not contain any chemical components with known CAS numbers that exceed the minimal reporting levels (40 CFR 372).

CERCLA: This product does not have a reportable quantity.

United States Right-To-Know: None known.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: Not applicable.

SECTION 16.

OTHER INFORMATION

- Date Prepared: April 5, 2016
- Carefully read all instructions on label before handling this product.
- Keep out of reach of children.
- "FOR INDUSTRIAL USE ONLY"

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Since the use of this product is within the exclusive control of the end user, it is the end user's obligation to determine the conditions of safe use of the product. Such conditions should comply with all state and federal regulations concerning the product.