



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 Max CDO
Product Use: Crude/Diesel Oil Cleaner

Emergency Telephone #: (800) 424-9300
General Information #: (985) 709-4892

Product Description: Blend
Manufactured and Distributed by:

Bio Solutions, LLC
P.O. Box 20427
Houma, LA 70360

Date Prepared: April 7, 2016

SECTION 2.

HAZARD(S) IDENTIFICATION

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



Signal Word: WARNING

Hazard Class	Category	Code	Hazard Statement
Irritant:	2	H335	May cause respiratory irritation.
	2	H317	May cause an allergic skin reaction.
	2A	H320	Causes eye irritation.
Toxicity:	3	H303	May be harmful if swallowed.

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	%	TLV (Units)	CAS#
Surfactant Blend	Proprietary	None Established	Proprietary
Ethanol	Proprietary	1000 ppm	64-17-5
2-Butoxyethanol	1	50	111-76-2

Caution:

- Combustible: No

Carcinogenicity:

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

SECTION 4.

FIRST AID MEASURES

- Eyes: Flush well with water for at least 15-20 minutes. Get medical attention if irritation persists.
- Skin: Remove contaminated clothing. Immediately wash skin with soap and plenty of water. If irritation persists, seek medical attention. Launder contaminated clothing before reuse.
- Inhalation: Move to fresh air. Get medical condition if irritation persists.
- Ingestion: Do not induce vomiting if conscious. Get medical attention if needed.

SECTION 5.

FIRE-FIGHTING MEASURES

Flash Point: None

- Fire fighting equipment: Approach fire from upwind. Avoid breathing smoke, fumes, mist or vapors.
- Fire/Explosion hazard: Containers may explode from internal pressure if confined to fire. Cool with water.
- Hazardous combustion products: Smoke, Oxides of carbon, Phosphates, Nitrogen and Sulfur.
- Extinguishing media: Use appropriate media for surrounding conditions.

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. Store in adequately ventilated area.

SECTION 8.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients	CAS#	OSHA/PEL	ACGIH/TLV	STEL
Surfactant Blend	Proprietary	None established	None established	None established
Ethanol	64-17-5	None established	1000 ppm	None established
2-Butoxyethanol	111-76-2	None established	50	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.
- **Respirator:** Not required in normal, ambient conditions.
- **Clothing:** Normal materials handling clothing. Use chemical apron if splashing is likely.
- **Other:** Use only in a well-ventilated area.

SECTION 9.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear yellow/orange	Upper/Lower flammability limits	Not Determined
Odor	Bland	Vapor pressure (mm HG)	Same as water
Odor threshold	Not determined	Vapor density (Air = 1)	Not determined
pH	7.9 to 8.5	Specific gravity (H ₂ O = 1.0)	Approx. 1.04
Boiling point	Approximately 212° F	Solubility in H ₂ O	Soluble
Flash point	None	Auto-ignition temperature	Not determined
Flammability	None	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:** None known.
- **Incompatible materials:** Strong acids.
- **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 may cause eye irritation.
- **Skin Contact:** May cause skin irritation.
- **Inhalation:** Spray mist may cause irritation to the upper respiratory tract.
- **Ingestion:** May be harmful if swallowed. May cause irritation to mucous membranes of the mouth, throat, esophagus and stomach.

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.
- **RCRA:** Not applicable

SECTION 14.

TRANSPORT INFORMATION

United States DOT:

- **Shipping Name:** Not regulated by D.O.T.
- **Technical Name:** N/A
- **Reportable Quantity (RQ):** N/A
- **Packaging Size:** All

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 = Immediate/Delayed
- Delayed (Chronic) Health = Unknown
- Fire Hazard = No
- Reactive Hazard = No

SARA Title 313: 2-Butoxyethanol

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 7, 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.