



SAFETY DATA SHEET

Version 1.1

Revision Date 04/01/2020

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifiers

Product name: BioBlend EPIC DS

Identified Uses:

Gravel Road Dust Suppressant, Stockpile Dust Suppressant & Reclaimed Asphalt Pavement Rejuvenator

Details of the supplier of the Safety Data Sheet

Company: BioBlend Renewable Resources, LLC
1500 Jarvis Avenue
Elk Grove Village, IL 60007
630-227-1800

Emergency telephone number **630-227-1800** **8 AM – 4PM M-F**

2. HAZARDS IDENTIFICATION

OSHA regulatory status This product is considered not hazardous under 29 CFR 1910.1200 (Hazard communication)

Potential Health Effects

Acute exposure – Large quantities may have a laxative effect (similar to mineral oils).

Potential environmental effects

Ecological injuries are not known or expected under normal use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Weight %
Water	4432-18-5	25-75 %
Glycerides	Proprietary	10-30 %
Vegetable Oil	Proprietary	2 -10 %
Glycerin	56-81-5	2 - 10 %

Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below the reportable limits.

4. FIRST AID MEASURES

Eye contact

Rinse with water. Get medical attention if irritation develops or persists.

Skin contact

Rinse skin with water/shower. Get medical attention if irritation develops or persist.

Inhalation	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Ingestion	Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.

5. FIREFIGHTING MEASURES

Flammable properties	Not flammable by OSHA criteria.
Extinguishing media	Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂).
Special protective equipment for fire-fighters	Wear suitable protective equipment.
Specific methods	In the event of fire, cool tanks with water spray. Use water spray to cool unopened containers

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Keep unnecessary personnel away.
Methods for containment	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
Methods for cleaning up	Use absorbents in case of spillage, collect in suitable container for disposal. Flush contaminated area with water. Handle as any grease or oily material.

7. HANDLING AND STORAGE

Handling	DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. May be slippery.
Storage	Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure guidelines	ACGIH – Threshold limit value: 10 mg/m ³ ; based on the TLV for similar lipoid materials (i.e. vegetable oil mists).
Eye/face protection	Not normally needed.
Skin protection	No special protective equipment required.
Respiratory protection	No personal respiratory protective equipment normally required.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Emulsion
Color	White/Yellow
Odor	Bland.
Odor threshold	Not available.
Physical state	Emulsion
Form	Liquid
pH	7-8
Melting point	Not available
Freezing	Not available.
Boiling point	Not available.
Flash point	None
Evaporation rate	Not available.
Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.

Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity	Not available.
Relative density	0.98 g/cm ³
Solubility(water)	Dispersible
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
VOC	Not available.
Viscosity	Not available

10. STABILITY AND REACTIVITY

Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Not available
Materials to avoid	Strong acids. Strong bases. Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Further information	Additional information is available by request.
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12. ECOLOGICAL INFORMATION

Environmental effects	Additional information is available by request.
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13. DISPOSAL CONSIDERATIONS

Disposal instructions	This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.
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14. TRANSPORT INFORMATION

Not regulated as dangerous goods.

15. REGULATORY INFORMATION

US federal regulations	This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
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All components are on the U.S. EPA TSCA Inventory List.
CERCLA/SARA Hazardous Substances - Not applicable.

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - No
	Delayed Hazard - No
	Fire Hazard - No
	Pressure Hazard - No
	Reactivity Hazard - No

Section 302 extremely No

hazardous substance

Section 311 hazardous No

chemical

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

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

US – California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance
Contains no California Prop 65 chemicals.

US – New Jersey Community RTK (EHS Survey): Reportable threshold
None

US – Pennsylvania RTK – Hazardous Substances: Listed substance
Contains no Pennsylvania Right to Know hazardous substances

16. OTHER INFORMATION

Further information HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings Health: 0
Flammability: 1
Physical hazard: 0

NFPA ratings Health: 0
Flammability: 1
Instability: 0

Issue date 04/01/2020

Data contained herein are based on tests believed to be reliable and are not to be interpreted as being a warranty expressed or implied. No representation or warranty of freedom from legal liability, including patent liability, resulting from the use of this product is made by BioBlend Renewable Resources. The user should review any recommendations in the specific context of the product's intended use to determine whether they are appropriate.