Oily™ Remediation Agent (Oily™-R and Oily™-L)

Oily™-R (16 oz jar), Oily™-L (64 oz jug)

01 Identification

Product name	Oily™ Remediation Agent (Oily™-R and Oily™-L)
Product form	Powder
Part numbers	Oily™-R (16 oz jar), Oily™-L (64 oz jug)
Recommended use	Bioremediation of hydrocarbons. Added to drums of used Green Boom™ absorbents and water so naturally occurring microorganisms break down absorbed oil.
Restrictions on use	None known. Chlorine, disinfectants, and solvents kill the microorganisms and stop the treatment.
Company	Green Boom North America LLC
Address	1180 West Peachtree Street NW, Atlanta, GA 30309, USA
Telephone	+1 (404) 990-9836
Website	www.greenboom.com
Emergency telephone (24 hr)	+1 (404) 990-9836

02 Hazard identification

Classification (OSHA HazCom 2012 / GHS): Not classified. The mixture does not meet the criteria for classification as hazardous under 29 CFR 1910.1200.

Signal word	None
Hazard pictograms	None
Hazard statements	None. The mixture does not meet the criteria for classification.
Precautionary statements: prevention	Observe good industrial hygiene practices. Avoid creating dust.
Precautionary statements: response	Wash hands after handling.
Precautionary statements: storage	Keep dry. Store in the original container, tightly closed.
Precautionary statements: disposal	Dispose of waste and residues in accordance with local, state, and federal regulations.
Hazards not otherwise classified	None known.

Other hazards: Can be slippery when wet. Dust may cause mild eye and respiratory irritation. Contains crystalline silica in the mineral carrier; respirable crystalline silica is below 0.25% (modified NIOSH Method 7500). The microorganisms are naturally occurring, non-GMO Class 1 organisms with no known safety concerns.

03 Composition / information on ingredients

COMPONENT	CAS NUMBER	WEIGHT %
Bentonite (smectite)	1302-78-9	85
Crystalline silica, quartz	14808-60-7	≤ 8
Crystalline silica, cristobalite	14464-46-1	≤ 2
Mixed population of naturally occurring, non-GMO microorganisms	Not applicable	≥ 5

The exact formulation is withheld as a trade secret. Crystalline silica is a natural constituent of the bentonite carrier.

04 First-aid measures

Inhalation	If dust is inhaled, move the person to fresh air.
Skin contact	Can be drying. Wash with water. Get medical attention if irritation develops and persists.
Eye contact	Dust can be irritating. Flush thoroughly with water. If irritation occurs, get medical attention.
Ingestion	Rinse mouth thoroughly. Get medical attention if any discomfort occurs.
Most important symptoms	Dust in the eyes causes irritation.
Notes to physician	No hazards that require special first aid measures. Treat symptomatically.

05 Fire-fighting measures

Suitable extinguishing media	Water fog, foam, dry chemical powder, or carbon dioxide.
Unsuitable extinguishing media	None known.
Specific hazards	None known. The product does not burn.
Protective equipment	Standard firefighting gear. The material can be slippery when wet.

06 Accidental release measures

Personal precautions	Avoid creating dust. Use a NIOSH-approved respirator if dust levels may exceed the exposure limits in Section 8.
Environmental precautions	Prevent further leakage or spillage if safe to do so.
Clean-up methods	Collect with a vacuum cleaner fitted with a HEPA filter. Avoid dry sweeping and compressed air. The material is slippery when wet.

07 Handling and storage

Safe handling	Minimize dust generation and accumulation. Provide exhaust ventilation where dust forms. Do not clear surfaces with compressed air. Wash hands after handling.
Storage conditions	Store in a dry area in the original container, tightly closed until use. Moisture activates the microorganisms.

08 Exposure controls / personal protection

COMPONENT	OSHA PEL	ACGIH TLV	NIOSH REL
Bentonite and other inert dust	15 mg/m³ total dust 5 mg/m³ respirable (Table Z-3)	Not established	Not established
Crystalline silica, quartz and cristobalite (respirable)	50 µg/m³ (8-hr TWA) 29 CFR 1910.1053	0.025 mg/m³	0.05 mg/m³

Engineering controls	Ventilation sufficient to prevent dust from building up.
Eye protection	Tight-fitting goggles where dust is generated.
Skin protection	None ordinarily required. Gloves are recommended to prevent drying of the skin. Normal work clothing (long sleeves and long pants).
Respiratory protection	Use a NIOSH-approved respirator if exposure may exceed the limits above.
Hygiene	Observe good industrial hygiene practices. Wash hands after handling.

09 Physical and chemical properties

Physical state / appearance	Fine powder, light gray solid
Odor	Slight oil odor
pH	8.5
Relative density	2.6 g/cm³
Bulk density	0.9–1.4 g/cm³
Solubility in water	Below 0.9 mg/L
Melting point	Above 842°F (450°C)
Decomposition temperature	Above 932°F (500°C)
Flash point	Not applicable
Flammability	Not flammable
Explosive properties	Not explosive
Vapor pressure	Not applicable

10 Stability and reactivity

Reactivity	Not reactive under normal conditions.
Chemical stability	Stable under normal conditions.
Hazardous reactions	None known.
Conditions to avoid	Moisture during storage, temperatures above the decomposition temperature, and dispersing dust (for example, with compressed air).
Incompatible materials	None known.

Hazardous decomposition products	None known.

11 Toxicological information

Likely routes of exposure	Inhalation of dust, eye contact, skin contact.
Acute toxicity	Inhalation LC50 (rat, 4 hr): above 5.27 mg/L. Oral LD50 (rat): above 2,000 mg/kg. Not classified.
Eye damage / irritation	Dust may cause mild eye irritation. Not classified.
Skin corrosion / irritation	May dry the skin. Not classified.
Sensitization	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	No data for the mixture. Bentonite is assessed as non-carcinogenic by read-across. Respirable crystalline silica is below 0.25%; the mixture is not classified.
Reproductive toxicity	Not classified.
STOT, single and repeated exposure	Dust may cause respiratory irritation. Not classified.
Microorganisms	Naturally occurring, non-GMO Class 1 organisms, not connected to any known safety issues.

12 Ecological information

Ecotoxicity	Not classified as hazardous to the environment.
Persistence and degradability	Not relevant for the inorganic components. The microorganisms break down hydrocarbons in use.
Bioaccumulation	Does not bioaccumulate.
Mobility in soil	Bentonite is almost insoluble and has low mobility in most soils. The microorganisms are slightly mobile.
Other effects	No other adverse environmental effects are expected.

13 Disposal considerations

Product	Collect and reclaim, or dispose of in sealed containers at a licensed waste disposal site, in accordance with local, state, and federal regulations.
Treated absorbent	Absorbent treated with Oily™ keeps the characteristics of the absorbed oil until breakdown is complete. Characterize the waste and dispose of it according to regulations. Composting is allowed only where regulations permit.
Container	Empty completely. Containers can be recycled or disposed of as solid waste.

14 Transport information

US DOT	Not regulated
IMDG (sea)	Not regulated

IATA (air)	Not regulated
UN number / shipping name / class	Not applicable

15 Regulatory information

OSHA HazCom 2012	Not hazardous under 29 CFR 1910.1200.
TSCA	Listed on the TSCA Inventory.
CERCLA / SARA Title III	Not listed under CERCLA or SARA 302. SARA 311/312 hazardous chemical: No. SARA 313: Not regulated.
State right-to-know	Massachusetts, New Jersey, and Rhode Island: not regulated. Pennsylvania: not listed.
California Proposition 65	Per the producer, this material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.
NFPA 704	Health 1 · Flammability 0 · Instability 0
HMIS	Health 1 · Flammability 0 · Physical hazard 0
Canada	Components are on the Domestic Substances List (DSL).
Other inventories	Australia, China, EU (EINECS), Korea, New Zealand, and the Philippines.

16 Other information

Revision date	October 29, 2026
Version	2.0
Supersedes	Version 1.0, October 4, 2026
Changes from previous version	New formulation. All sections updated to the producer's current data. The mixture is no longer classified as hazardous; signal word, pictograms, and hazard statements removed.
Prepared by	Green Boom North America LLC
Reviewed by	Sudhir Sharma
Disclaimer	The information in this SDS is believed to be accurate as of the revision date and is provided in good faith. It does not constitute a warranty. Users should make their own determination of suitability for their particular use and must comply with all applicable laws and regulations.