Green Boom™ Oil-Only Absorbent Socks

S0312S (3" × 12"), S0324S (3" × 24"), S0348S (3" × 48")

01 Identification

Product name	Green Boom™ Oil-Only Absorbent Socks
Product form	Article: cotton-canvas sock filled with treated wheat straw
Part numbers	S0312S (3" × 12"), S0324S (3" × 24"), S0348S (3" × 48")
Recommended use	Containment and absorption of oil and oil-based liquids around machinery, drains, and drip zones. Repels water.
Restrictions on use	Not for use with corrosive liquids (strong acids or bases) or highly reactive chemicals. Absorbed liquids keep their own hazards.
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: Not classified as hazardous under OSHA HazCom 2012 (29 CFR 1910.1200) or the GHS in the form supplied.

Signal word	None
Hazard pictograms	None
Hazard statements	None
Precautionary statements	P261: Avoid breathing dust. P264: Wash hands after handling. P501: Dispose of used product according to the hazards of the absorbed liquid and local, state, and federal regulations.

Other hazards: Used product takes on the hazards of the liquid absorbed. Refer to the SDS of the absorbed liquid. Green Boom™ absorbents do not make flammable liquids nonflammable, neutral, or less hazardous. This product is an article as defined in OSHA 29 CFR 1910.1200(c): it is formed to a specific shape during manufacture and does not release a hazardous chemical under normal conditions of use. This SDS is provided as a courtesy.

03 Composition / information on ingredients

COMPONENT	CAS NUMBER	WEIGHT %
Wheat straw (Triticum aestivum), treated	Not assigned (natural product)	90–95
Cotton canvas	Not assigned (natural fiber)	5–10
Proprietary polymer blend	Withheld (trade secret)	< 2

The specific chemical identity of the polymer blend is withheld as a trade secret. The blend is not classified as hazardous under OSHA HazCom 2012 and is present at less than 2% by weight.

Plant-based absorbent material, treated with Green Boom's patented hydrophobic treatment.

04 First-aid measures

Inhalation	Not expected to be a route of exposure for the product as supplied. If dust is inhaled and irritation occurs, move to fresh air. Get medical attention if symptoms persist.
Skin contact	No special measures needed for unused product. Wash with soap and water after handling. For used product, follow the first-aid advice in the SDS of the absorbed liquid.
Eye contact	If dust or fibers enter the eyes, rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Get medical attention if irritation persists.
Ingestion	Not an expected route of exposure. If swallowed, rinse mouth with water. Get medical attention if you feel unwell.
Most important symptoms	Mechanical irritation of eyes or airways from dust. No acute or delayed effects are expected from the unused product.
Notes to physician	Treat symptomatically. For used product, consider the hazards of the absorbed liquid.

05 Fire-fighting measures

Suitable extinguishing media	Unused product: water spray, foam, dry chemical, or carbon dioxide. Used product: media suitable for the absorbed liquid.
Unsuitable extinguishing media	Avoid high-pressure water streams that may scatter burning material.
Specific hazards	Combustible solid. Burning produces carbon monoxide, carbon dioxide, and smoke. Used product may be flammable depending on the liquid absorbed.
Protective equipment	Firefighters should wear full protective gear and self-contained breathing apparatus (SCBA).

06 Accidental release measures

Personal precautions	Avoid creating dust. Wear gloves and eye protection when cleaning up damaged product.
Environmental precautions	Unused product poses no known environmental hazard. Keep used product, which contains absorbed oil, out of drains and waterways.
Clean-up methods	Unused product: sweep or vacuum and reuse or dispose of as non-hazardous waste. Used product: collect in suitable, labelled containers and dispose of as described in Section 13.

07 Handling and storage

Safe handling	Use good industrial hygiene practices. Avoid breathing dust. Do not use with strong acids, strong bases, or strong oxidizers.
Storage conditions	Store in a cool, dry place away from open flame and sources of ignition. Keep packaging closed until use to keep product dry.
Shelf life	Indefinite when stored dry.

08 Exposure controls / personal protection

No component has an exposure limit as supplied. If dust is generated, the following limits apply to nuisance dust:

SUBSTANCE	SOURCE	LIMIT
Particulates not otherwise regulated, total dust	OSHA PEL	15 mg/m³ (8-hr TWA)
Particulates not otherwise regulated, respirable fraction	OSHA PEL	5 mg/m³ (8-hr TWA)
Grain dust (oat, wheat, barley)	ACGIH TLV	4 mg/m³ (8-hr TWA)

Engineering controls	General ventilation is normally enough. Use local exhaust where dust is generated.
Eye protection	Safety glasses recommended when dust is present.
Skin protection	Work gloves for handling. When handling used product, choose gloves suited to the absorbed liquid.
Respiratory protection	Not normally required. Use a NIOSH-approved particulate respirator (e.g., N95) if dust levels exceed the limits above.
Hygiene	Wash hands after handling and before eating, drinking, or smoking.

09 Physical and chemical properties

Physical state / appearance	White to off-white cotton tube with red printing; tan fill.
Odor	Slight, grass-like
Odor threshold	Not applicable
pH	Not applicable
Melting point	Does not melt. Decomposes above about 160°C (320°F).
Boiling point / flash point	Not applicable (solid)
Flammability (solid)	Combustible
Auto-ignition temperature	About 300°C (572°F)
Relative density	About 0.85
Solubility in water	Insoluble
Vapor pressure / vapor density	Not applicable
Maximum working temperature	About 88°C (190°F)
Water absorption	Hydrophobic: absorbs oil and oil-based liquids, repels water

10 Stability and reactivity

Reactivity	Not reactive under normal conditions.
Chemical stability	Stable under normal storage and handling conditions.
Hazardous reactions	None known.
Conditions to avoid	Open flame, sparks, and temperatures above about 160°C (320°F).
Incompatible materials	Strong oxidizers, strong acids, and strong bases.
Hazardous decomposition products	Carbon monoxide, carbon dioxide, and smoke when burned.

11 Toxicological information

Likely routes of exposure	Inhalation of dust; skin and eye contact.
Acute toxicity	Not classified. No data available for the product; components are natural plant fibers.
Skin corrosion / irritation	Not classified. May cause minor mechanical irritation.
Eye damage / irritation	Not classified. Dust or fibers may cause temporary mechanical irritation.
Respiratory or skin sensitization	Not classified. No data available. Organic dust may cause respiratory irritation in sensitive individuals.
Germ cell mutagenicity / reproductive toxicity	Not classified. No data available.
Carcinogenicity	No component is listed as a carcinogen by IARC, NTP, or OSHA.
STOT (single / repeated exposure)	Not classified.
Aspiration hazard	Not applicable.

12 Ecological information

Ecotoxicity	Unused product is not expected to be harmful to aquatic or terrestrial life. No test data available.
Persistence and degradability	Biodegradable. 100% biobased plant materials.
Bioaccumulation	Not expected.
Mobility in soil	Insoluble solid; not expected to be mobile.
Other effects	Used product contains absorbed oil and must not be released to the environment.

13 Disposal considerations

Unused product	Not a hazardous waste. Dispose of in a landfill or compost where permitted.
Used product	Takes on the characteristics of the absorbed liquid. Characterize the waste and dispose of it according to local, state, and federal regulations (e.g., 40 CFR 261). Where permitted, used absorbent may be treated with Oily™ to break down absorbed hydrocarbons and then composted or landfilled.
TCLP	This product passes the U.S. EPA Toxicity Characteristic Leaching Procedure (TCLP, SW-846 Method 1311) in independent laboratory testing.
Packaging	Paper and cardboard packaging can be recycled.

14 Transport information

US DOT	Not regulated (unused product)
IMDG (sea)	Not regulated (unused product)
IATA (air)	Not regulated (unused product)
UN number / shipping name / class	Not applicable
Note	Used product may be regulated for transport depending on the liquid absorbed.

15 Regulatory information

OSHA HazCom 2012	Not classified as hazardous in the form supplied. Article per 29 CFR 1910.1200(c).
TSCA	Components are naturally occurring substances and are automatically included on the TSCA Inventory (40 CFR 710.4(b)).
CERCLA / SARA Title III	No reportable quantity. No SARA 302 extremely hazardous substances. No SARA 313 toxic chemicals. SARA 311/312: not hazardous.
RCRA (40 CFR 261.24)	Passes TCLP (EPA Method 1311) in independent laboratory testing; not a toxicity-characteristic hazardous waste as tested.
California Proposition 65	This product is not known to contain chemicals listed under Proposition 65.
USDA BioPreferred®	USDA Certified Biobased Product, 100% biobased content.
Canada (WHMIS 2015)	Not classified as hazardous under the Hazardous Products Regulations.
U.S. EPA	Socks, booms, and pillows meet the EPA definition of a sorbent under the National Contingency Plan (40 CFR 300.915(g)).

16 Other information

Revision date	October 5, 2026
Version	1.0
Supersedes	MSDS dated 05/25/2021 and SDS dated 11/20/2020
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.