

Section 1 - Identification

Trade Name and Synonyms: Gardendrain GR10 and Gardendrain GR25

Components: Non-woven polypropylene fabric
Woven monofilament fabric
Typar fabric
Extruded polypropylene core sheet
Extruded HDPE Net core

Common use: Construction

Manufacturer: American Hydrotech, Inc.
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Section 2 - Hazard Identification

Overview: Based upon pertinent data available, Gardendrain products, systems and components are considered "articles" and are not hazardous under OSHA Hazard Communication Standard (29 CFR 1910.1200).

GHS Label Elements: Not Required

Section 3 - Composition

Gardendrain products do not meet the definition given in 29 CFR Part 1910.1200 for hazardous material. Composition is not required.

Section 4 - First Aid

Inhalation: Not likely in current form.

Ingestion: Not likely in current form.

Eye Contact: As with any foreign object, flush with water. If pain or irritation persists, consult physician.

Skin Contact: Wash with soap and water. In case of irritation, consult physician.

Section 5 - Fire Hazard

Flash Point: Greater than 400 degrees (COC, ASTM D-92)

Extinguishing method: Dry chemical, foam, carbon dioxide

Special Fire Fighting Procedures: For large fires in confined area, use N10SH/MSHA approved self-contained breathing apparatus. Use water fog or spray to exposed equipment and containers.

Section 6 - Accidental Release

No Environmental threat is expected from release.

Section 7 - Handling and Storage

Handling: No special handling unless large rolls are used. Use lifting devices as necessary. If product is molten, avoid contact with skin or eyes.

Storage: Recommend storing away from oxidizing materials, in a dry area of ambient temperature if possible.

Section 8 - Exposure Controls / Personal Protection

Ventilation Requirements: Use adequate ventilation to control exposure below recommended levels.

Skin Protection: Not normally required.

Eye Protection: As required by site-specific conditions. Not normally required.

Clothing and Equipment: No requirement.

Respiratory Protection: Not generally required unless needed to prevent respiratory irritation.

Section 9 - Physical and Chemical Characteristics

Physical State: Solid

Boiling Point: N/A

Specific Gravity (H₂O): Less than 1

Solubility in water: Negligible

Vapor Pressure (mm Hg): N/A

Evaporation Rate (Butyl Acetate=1): N/A

Vapor Density (Air=1): N/A

Melting Point: ~ 320°F

Odor: Negligible

Appearance: Plastic sheet, often bonded to fabric, generally in roll form

Plastic net, often bonded to fabric, generally in roll form

Section 10 - Stability and Reactivity

Stability: Stable

Incompatibility: None known

Hazardous Decomposition Products: Will not occur

Hazardous Polymerization: Will not occur

Section 11 - Toxicological Information (routes of exposure)

Inhalation: Not likely under normal use

Injection: Not likely under normal use

Ingestion: Not likely under normal use

Skin Contact: Prolonged contact may cause mild irritation to some individuals

Eye Effects: Not toxic, may irritate eyes

Skin Effects: Not toxic, may irritate skin

Target Organs: None

Chronic: No known health effects from long term use or contact

Carcinogenicity: The IARC evaluation is the "Carbon black (airborne, unbound particles of respirable size) is possibly carcinogenic to humans (Group 2B)"

Mutagenicity & Reproductive Effects: Not believed to be mutagenic or a reproductive hazard.

Section 12 - Ecological Information

Environmental Data: Not expected to be hazardous to the environment in present form.

Section 13 - Disposal Information

Disposal: Ensure conformity with all applicable disposal regulations. Product does not meet the definition of hazardous waste.

Section 14 - Transport Information

DOT Classification: Not regulated

Proper Shipping Name: Wrapped rolls of composite drainage material. Not regulated.

Section 15 - Regulatory Information

USA TSCA: This product is considered an article and is exempt from TSCA requirements.

Canada Domestic Substances List (DSL): This product is not specified on the DSL or NDSL.

SARA TITLE III:

CERCLA/SARA (302) Extremely Hazardous Substances: None listed

SARA (311,312) Hazard Class: None listed

SARA (313) Chemicals: None listed

California Proposition 65: Carbon Black (airborne, unbound particles of respirable size), CAS# 1333-86-4 is listed as a possible carcinogen.

CANADA REGULATIONS (WHMIS): Not listed

Section 16 - Other information

Date Prepared or Revised: May 21, 2021

The information contained herein is believed by American Hydrotech, Inc. to be accurate and is offered solely for the customers consideration, investigation, and verification. Determination of suitability for use is the responsibility of the user. Hydrotech's Limitations, Limited Warranty, & Disclaimer along with Standard Terms and Conditions apply. See www.hydrotechusa.com for more information. Limitations: Gardendrain GR10 and GR25 is resistant to chemicals in normal soil and growing media environments however some reagents may affect the performance of Gardendrain GR10 and GR25 A Hydrotech representative should be contacted for further information to determine the suitability of the use of Gardendrain GR10 and GR25 in unusual soil or growing media environments. Gardendrain GR10 and GR25 should be limited to its exposure to ultraviolet sunlight. Gardendrain GR10 and GR25 should be backfilled or covered within seven (7) days of installation. Disclaimer: all information, drawings and specifications are based on the latest published information at the time of printing. Hydrotech reserves the right to make changes due to manufacturing improvements in engineering at any time. All physical properties are minimum average roll values (MARV). Standard variations of 10% in mechanical properties and 15% in hydraulic properties are normal.

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