

## Section 1 - Identification

**Trade Name and Synonyms:** Gardendrain GR10 and Gardendrain GR25

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

**Common use:** Construction

**Manufacturer:** American Hydrotech, Inc.  
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(312) 337-4998 (800) 877-6125 Fax: (312) 661-0731  
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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 (H<sub>2</sub>O):** 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](http://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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