

## Section 1 - Identification

**Trade Name and Synonyms:** Gardendrain GR30 and Gardendrain GR50

**Components:** Extruded HDPE sheet

**Common use:** Construction

**Manufacturer:** AMERICAN HYDROTECH, INC.  
541 N Fairbanks Ct, Suite 2700, Chicago, IL 60611  
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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, generally in molded sheet 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 1st, 2015

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