

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
Phone: 312-337-4998
Fax: 312-661-0731

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, 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

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American Hydrotech, Inc.

541 N. Fairbanks Ct, Suite 2700, Chicago, IL 60611
(312) 337-4998 (800) 877-6125 Fax: (312) 661-0731
www.hydrotechusa.com