



GardNet

Safety Data Sheet

Date of issue: February 14, 2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Polyethylene sheet
Trade name : GardNet

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial
For professional use only
Use of the substance/mixture : GardNet® is typically used for confinement of LiteTop® growing media on sloped Garden Roof Assembly® applications.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier

Hydrotech Membrane Corporation
10951 Parkway
H1J 1S1 Anjou (Québec) - Canada
T 1-514-353-6000

info@hydrotechmembrane.ca - www.hydrotechmembrane.ca

1.4. Emergency telephone number

Emergency number : Professional Emergency Resource Services (PERS) Domestic/Canada: 1-800-633-8253
International : 1-801-629-0667
POISON CONTROL CENTER (QC 24 hours): 1-800-463-5060

SECTION 2: Hazards identification

Overview:

Based upon pertinent data available, GardNet 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/information on ingredients

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

SECTION 4: First aid measures

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

SECTION 5: Fire-fighting measures

Flash point: Greater than 200°C (400°F) (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 measures

No environmental threat is expected from release.

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SECTION 7: Handling and Storage

- Handling:** No special handling. Use lifting devices as necessary. If the product is molten, avoid contact with skin or eyes.
- Storage:** Recommend storing away from oxidizing materials, in dry area of ambient temperature if possible.

SECTION 8: Exposure controls/personal protection

- Individual protection equipment** : No requirement.
- Eye protection** : As required by site specific conditions. Not normally required.
- Respiratory protection** : Not generally required unless needed to prevent respiratory irritation.
- Skin protection** : Not generally required.

SECTION 9: Physical and chemical properties

- Physical state** : Solid
- Appearance** Polyethylene sheet
- Odour** : Negligible
- Melting point** : ~ 320°F
- Boiling point** : No data available
- Evaporation rate** : No data available
- Vapour pressure at 20°C** : No data available
- Density of vapour (air = 1)** : No data available
- Density** : Less than 1
- Solubility** : Negligible

SECTION 10: Stability and reactivity

- Stability**
Stable
- Incompatibility (Material to avoid)**
None known.
- Hazardous polymerization**
Not expected to occur.
- Hazardous Decomposition Products**
Not expected to occur.

SECTION 11: Toxicological information

- 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.
- Target organs** : None
- Chronic** : Not known health effects from long term use or contact.
- Carcinogenicity** : The IARC evaluation is the (unbound, airborne particles of respirable size) is possible carcinogenic to humans (Group 2B).
- The mutagenicity & reproductive effects** : Not believed to be mutagenic or a reproductive hazard.

SECTION 12: Ecological information

Ecological information

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Not expected to be hazardous to the environment in present form.

SECTION 13: Disposal considerations

Waste treatment methods

Ensure conformity with all applicable disposal regulations. The product does not meet the definition of hazardous waste.

SECTION 14: Transport information

DOT classification: Not regulated
Proper shipping name: Wrapped extruded HDPE sheet or tray material. Not regulated

SECTION 15: Regulatory information

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

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

SARA TITLE 111:

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

SARA (311, 312) Hazard class: None listed

SARA (313) Chemicals: None listed

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

CANADA REGULATIONS (WHMIS): Not listed

SECTION 16: Other information, including date of preparation of the last revision

This information is based on our current knowledge and is intended to describe the product for health, safety and environmental purposes. It should not be interpreted as guaranteeing any specific property of the product.