

SAFETY DATA SHEET

SECTION 1	PRODUCT AND COMPANY IDENTIFICATION
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PRODUCT

Product Name: GardMat N
Description: 50% Black PE

COMPANY IDENTIFICATION

Supplier: American Hydrotech, Inc.
303 East Ohio Street, Suite 2700
Chicago, IL 60611
(312) 337-4998
www.hydrotechusa.com

Emergency Phone (Within USA and Canada) PERS #11540: 800-633-8253 (24 HOURS)

SECTION 2	HAZARDS IDENTIFICATION
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This material is not considered to be hazardous according to regulatory guidelines (see SDS Section 15). Standard, 29 CFR 1910.1200.

POTENTIAL HEALTH EFFECTS

NFPA Hazard ID:	Health: 0	Flammability: 1	Reactivity: 0
HMIS Hazard ID:	Health: 0	Flammability: 1	Reactivity: 0

SECTION 3	COMPOSITION / INFORMATION ON INGREDIENTS
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Product is composed of a blend of compounds. The following information is based on these components separately and not the blend as a whole.

Component	CAS#	% by Weight
Carbon Black(PIGMENT BLACK 7) Class D2A WHIMS CANADA	1333-86-4	Proprietary

Product Name: GardMat N

Revision Date: 12/17/2014

Page 2 of 6

SECTION 4	FIRST AID MEASURES
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Negligible hazard at room temperature under normal use

Contact with eyes: Solid particles may cause transient irritation as a result of mechanical abrasion.

Skin Contact: Essentially no irritation.

Inhalation: Not a likely route of exposure

Ingestion: May cause choking if swallowed.

SECTION 5	FIRE FIGHTING MEASURES
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EXTINGUISHING MEDIA

Appropriate Extinguishing Media: Use water fog, foam, dry chemical (ABC or AB)) to extinguish flames.

Inappropriate Extinguishing Media: Straight Streams of Water

FIRE FIGHTING

Fire Fighting Instructions: Assure an extended cooling down period to prevent re-ignition. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

Hazardous Combustion Products: Smoke, Fume, Incomplete combustion products, Oxides of carbon, Nitrogen oxides

FLAMMABILITY PROPERTIES

Flash Point [Method]: N/A

Flammable Limits (Approximate volume % in air): LEL: N/D UEL: N/D

Autoignition Temperature: N/A

SECTION 6	ACCIDENTAL RELEASE MEASURES
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NOTIFICATION PROCEDURES

None required.

SPILL MANAGEMENT

Land Spill: Not applicable; product is not a liquid or flowable powder.

Water Spill: No immediate action required.

Product Name: GardMat N

Revision Date: 12/17/2014

Page 3 of 6

SECTION 7	HANDLING AND STORAGE
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HANDLING

No special precautions are necessary beyond normal good hygiene practices.

STORAGE

Store at ambient temperatures.

SECTION 8	EXPOSURE CONTROLS / PERSONAL PROTECTION
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Component	Exposure Limits		
	ACGIH	NIOSH	OSHA-PELs
Carbon Black	TWA-Tot: 3.5mg/M3	ND	TWA-Tot: 3.5mg/M3

NOTE: Limits/standards shown for guidance only. Follow applicable regulations.

PERSONAL PROTECTION

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation.

Respiratory Protection:

No special requirements under ordinary conditions of use and with adequate ventilation.

Hand Protection: No special requirements under ordinary conditions of use

Eye Protection: No special requirements under ordinary conditions of use

Skin and Body Protection: No special requirements under ordinary conditions of use

Specific Hygiene Measures: No special requirements under ordinary conditions of use

SECTION 9	PHYSICAL AND CHEMICAL PROPERTIES
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Product Name: GardMat N

Revision Date: 12/17/2014

Page 4 of 6

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.

GENERAL INFORMATION

Physical State: Solid
Form: Netting
Color: Natural
Odor: None to Mild
Odor Threshold: N/D

IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

Relative Density (at 20 C): >1
Flash Point [Method]: N/A
Flammable Limits (Approximate volume % in air): LEL: N/D UEL: N/D
Autoignition Temperature: N/A
Boiling Point / Range: N/A
Vapor Density (Air = 1): N/A
Vapor Pressure: N/A
Evaporation Rate (n-butyl acetate = 1): N/A
pH: N/A
Log Pow (n-Octanol/Water Partition Coefficient): N/A
Solubility in Water: Negligible
Viscosity: N/A
Oxidizing Properties: See Hazards Identification Section.

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Material is stable under normal conditions.

CONDITIONS TO AVOID: None

MATERIALS TO AVOID: Strong Oxidizing Agents

HAZARDOUS DECOMPOSITION PRODUCTS: Material does not decompose at ambient temperatures.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

<u>Route of Exposure</u>	<u>Conclusion / Remarks</u>
Inhalation	
Toxicity: Data available.	ND
Irritation: Data available.	ND
Ingestion	
Toxicity: Data available.	ND
Skin	
Toxicity: Data available.	ND

Product Name: GardMat N

Revision Date: 12/17/2014

Page 5 of 6

Irritation: Data available.	ND
Eye	
Irritation: No end point data.	N/A

SECTION 12	ECOLOGICAL INFORMATION
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The information given is based on data available for the material, the components of the material, and similar materials.

ECOTOXICITY

ND

MOBILITY

ND

PERSISTENCE AND DEGRADABILITY

Biodegradation:

ND

Hydrolysis:

ND

Photolysis:

ND

Atmospheric Oxidation:

ND

BIOACCUMULATION POTENTIAL

ND

SECTION 13	DISPOSAL CONSIDERATIONS
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Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

SECTION 14	TRANSPORT INFORMATION
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LAND (DOT): Not Regulated for Land Transport

LAND (TDG): Not Regulated for Land Transport

SEA (IMDG): Not Regulated for Sea Transport according to IMDG-Code

Product Name: GardMat N

Revision Date: 12/17/2014

Page 6 of 6

AIR (IATA): Not Regulated for Air Transport

SECTION 15

REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD: When used for its intended purposes, this material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

EPCRA: This material contains no extremely hazardous substances.

SARA (311/312) REPORTABLE HAZARD CATEGORIES: None.

SECTION 16

OTHER INFORMATION

N/D = Not determined, N/A = Not applicable

THIS MSDS COVERS THE FOLLOWING MATERIALS: BLACK-5

This information contained herein is based on the data available to us and is believed to be correct. However, Industrial Netting makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.