

## Material Safety Data Sheet

Enviroblend, Inc.

Grade NH 09/01/2009

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### SECTION 1 - IDENTIFICATION OF SUBSTANCE AND COMPANY

PRODUCT NAME **Grade NH** PRODUCT CODE 900261

**Product Name:** Grade NH  
**Chemical Name:** Oil based graphite compound  
**Use of Substance/Preparation** Heat conductive compound

#### HMIS

<b>Supplier:</b> Dylon Industries	Phone: 216-651-1300	Health	1
7700 Clinton Road		Flammability	1
Cleveland, OH 44144		Reactivity	0
		Gloves & Safety Glasses	

**Emergency Phone Numbers:** INFOTRAC 1-800-535-5053

### SECTION 2 - HAZARDS IDENTIFICATION

This substance is not classified in the Annex I of Directive 67/548/EEC.

**Skin:** Repeated or prolonged skin contact may cause skin irritation. May cause dermatitis in some individuals. Dermatitis or skin conditions may be aggravated by exposure.

**Eye:** May cause slight eye irritation.

**Ingestion:** If swallowed may cause gastrointestinal irritation

**Inhalation:** Effects Unknown.

### SECTION 3 - INFORMATION ON INGREDIENTS

Component	CAS #	EINECS	%	Hazard	R Phrase
Graphite	7782-42-5		40-50	N/A	N/A
Silicon dioxide	14808-60-7		10-20		

**Classification:** Not classified in the Annex I of Directive 67/548, 1999/45/EC or (EC) No 1272/2008

### SECTION 4 - FIRST AID MEASURES

**Skin: -----** Wash thoroughly with warm, soapy and water. If irritation develops, call a physician. Wash contaminated clothing before reuse.

**Eyes: -----** Immediately flush with plenty of water for at least 15 minutes; ensure water flushing of entire surface of eye and lid. If eye irritation develops call a physician.

**Inhalation: --** Remove individual to fresh air. Obtain medical attention if necessary.

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**Ingestion:----** Do not induce vomiting. Call a physician.

### SECTION 5 - EXPLOSION AND FIRE FIGHTING MEASURES

Flash Point	Method Used	Flammable Limits	LFL	UFL
>350F	Pensky-Martens Closed Cup			

**Auto ignition**  
NA

**Extinguishing media:**  
Foam, carbon dioxide, dry chemical.

**Extinguishing media to avoid:**  
Do not use direct water spray

**Special Fire Fighting Procedures:**  
Do not enter any enclosed or confined fire space without approved self-contained breathing apparatus to protect against the hazardous effects of normal products of combustion or oxygen deficiency. Use water spray to cool fire-exposed containers. Keep personnel removed and upwind of fire. Treat as a Class 3 Combustible liquid.

**Hazardous Combustion Products:**  
During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and or irritating.

**Specific Fire or Explosion Hazards:**  
None.

### SECTION 6 - ACCIDENTAL RELEASE / SPILL PROCEDURES

**Steps to be taken in case material is released or spilled:**

**Personal Precautions:**  
Use appropriate protective equipment.

**Environmental Precautions:**  
Keep spills and cleaning run-off out of municipal sewers and open bodies of water. Treat as a lubricating oil spill. Notify all down stream water users of possible contamination.

**Methods for Cleaning up:**  
Stop leak. Dike to contain spill, absorb with clay or diatomaceous earth, sweep up, and place in suitable container.

**Personal protective equipment to be used:**  
Protective gloves and safety glasses.

### SECTION 7 - HANDLING AND STORAGE

Store away from open flames. Keep containers closed until used.

### SECTION 8 - PERSONAL PROTECTION

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### Exposure Guidelines:

Graphite Nuisance dust: 15mppcf/8 hour  
Silicon dioxide 0.1 mg.m3, respirable (ACGIH).

### Respiratory Protection:

None normally required. Use a NIOSH approved respirator if necessary.

### Ventilation:

Normal plant ventilation. Local exhaust ventilation recommended

### Protective Gloves:

Work gloves or rubber gloves

### Eye Protection:

Safety Glasses

### Other Protective Equipment:

Have eyewash facility nearby. Normal work apparel

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point:</b>	Unknown	<b>pH:</b>	N/A
<b>Specific Gravity:</b>	1.3 @ 20 <sup>0</sup> C.	<b>Solubility in Water:</b>	Insoluble
<b>Vapor Pressure:</b>	Unknown	<b>% Solid by Weight:</b>	N/A
<b>Vapor Density:</b>	>1	<b>Material Is:</b>	Paste
<b>% Volatile by Volume:</b>	No Data	<b>Freezing Point:</b>	NA
<b>LogP (octanol/water)</b>	NA	<b>Melting Point:</b>	N/I
<b>Evaporation Rate:</b>	<<1		

### Appearance and Odor:

Gray-black paste with characteristic petroleum odor.

## SECTION 10 – STABILITY AND REACTIVITY

<b>Stability</b>	Stable
<b>Conditions to avoid:</b>	NA
<b>Hazardous Polymerization:</b>	Will not occur
<b>Conditions to avoid:</b>	None
<b>Incompatible materials:</b>	Avoid contact with strong oxidizers and strong acids.
<b>Hazardous decomposition Products:</b>	Normal thermal decomposition products of hydrocarbons: Carbon dioxide, carbon monoxide.

## SECTION 11 - DISPOSAL CONSIDERATIONS

### Waste Disposal Methods:

Material should be disposed of in accordance to current local and national regulations. It is the responsibility of the user to determine at time of disposal whether a product or

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solution meets regulatory criteria for hazardous waste, as mixing, use, contamination, or soils may render the resultant mixture hazardous.

### SECTION 12 - TRANSPORTATION INFORMATION

This product is not classified for any mode of transportation

### SECTION 13 - REGULATORY INFORMATION

<b>US TSCA:</b> Toxic Substances Control Act:	In Compliance
<b>CANADA DSL:</b> Domestic Substance List	Listed

Revision: 11/22/2005.