

**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standards must be consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

**IDENTITY:**

Note:

Blank spaces are not permitted. If any items are not applicable, or no information is available, the space must be marked to indicate that.

CARBON BURST

**Section I:****Supplier's Name:**

BIOTECH NUTRIENTS  
1055 N 115TH ST STE 100  
OMAHA NE 68154

**Emergency Telephone Number:**

208-317-2178

**Telephone Number for Information:**

208-317-2178

**Date Prepared:**

5/20/2009

**Date Revised:**

Signature of Preparer (optional)

**Section II: - Hazardous Ingredients/Identity Information:****Hazardous Components**

(Specific Chemical Identity Common Name(s))

	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Ammonia	OSHA PEL	50 ppm	35 mg/m <sup>3</sup>	0.18% in product
	ACGIH TLV	Not Listed	25 ppm	
	Rat Oral LD 50	Not Listed		

pH = 11.6

**Section III: - Physical/Chemical Characteristics:**

<b>Boiling Point:</b>	> 212°F	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	1.297 g/mL at 40°C
<b>Vapor Pressure (mm Hg.) at 20°C</b>	NT	<b>Melting Point:</b>	N/A Liquid
<b>Vapor Density (AIR = 1)</b>	NT	<b>Evaporation Rate (Butyl Acetate = 1)</b>	NT

**Solubility in Water:**

100% miscible in water.

**Appearance and Odor:**

Aqua green, clear liquid, slight ammonia odor.

**Section IV: - Fire and Explosion Hazard Data:**

<b>Flash Point (Method Used)</b>	> 212°F	<b>Flammable Limits:</b> NT	<b>LEL:</b> NT	<b>UEL:</b> NT
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**Extinguishing Media:**Foam or CO<sub>2</sub>. Material may not ignite with excess water present.**Special Fire Fighting Procedures:**

With high amount of water present, material should not ignite.

**Unusual Fire and Explosion Hazards:**

No unusual fire hazards, material may not burn.

This information is believed correct at the time of preparation of this MSDS, but it is to be used only as a guide for handling the chemical.

**Section IV: - Fire and Explosion Hazard Data:**

		<b>Conditions to Avoid:</b>	
<b>Stability:</b>	<b>Unstable:</b>		
	<b>Stable:</b>	x	No known conditions.

**Incompatibility (Materials to Avoid):**

Avoid strong oxidizers. Non reactive to water, acid, and bases.

**Hazardous Decomposition or By-Products:**

Carbon monoxide, carbon dioxide, or ammonia.

		<b>Conditions to Avoid:</b>	
<b>Hazardous Polymerization</b>	<b>May Occur:</b>		
	<b>Will Not Occur:</b>	x	

**Section VI: - Health Hazard Data:**

<b>Route(s) of Entry:</b>	<b>Inhalation?</b>	No	<b>Skin?</b>	Yes	<b>Ingestion?</b>	No
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**Health Hazardous (Acute and Chronic)**

No known health hazards unless one is hypersensitive to the material which can irritate skin. Ammonia can cause nasal congestion and watery eyes.

<b>Carcinogenicity:</b>	<b>NTP?</b>	No	<b>IARC Monographs?</b>	Not Listed	<b>OSHA Regulated?</b>	No
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**Signs and Symptoms of Exposure:**

Ammonia vapors can cause eye and nasal irritation.

**Medical Conditions:**

Nasal irritation caused by ammonia. Alkaline pH may cause skin irritation.

**Emergency and First Aid Procedures:**

In case of eye or skin contact, flush with water. Contact physician.  
In case of inhalation, provide fresh air (oxygen). Contact physician.

**Section VII: - Precautions for Safe Handling and Use:**

**Steps to be Taken in Case Material is released or spilled:**

Absorb with a general absorbent such as sand, dirt, or kitty litter. Prevent materials from entering lakes, streams, or storm water.

**Waste Disposal Method:**

Can be land applied or placed in a MSW registered landfill or used as a soil amendment.

**Precautions to Be Taken in Handling and Storing:**

No special precautions. Keep out of excess heat.

**Other Precautions:**

No special precautions.

**Section VIII: - Control Measures:**

**Respiratory Protection (Specify Type):**

No special respiratory protection needed.

<b>Ventilation:</b>	<b>Local Exhaust?</b>		<b>Special?</b>	
	<b>Mechanical (General)?</b>	X	<b>Other?</b>	

**Protective Gloves:**

None needed unless allergic.

**Eye Protection:**

Always wear protective eyewear.

**Other Protective Clothing or Equipment:**

No special equipment or clothing required.

**Work/Hygienic Practices:**

Normal work/hygienic practices.