

### Section I: Identification

**Product Identification**

**Trade Name:** GenNext D  
**Product Type:** Auxiliary Soil and Plant Substance

**Recommended Use of the Chemical and Restriction on Use**

For use on green and tee areas.

**Manufacturer Details**

GenNext Biotech, LLC  
 1600 S Canal St  
 Chicago, IL 60616

**Emergency Phone Number**

**Medical Emergency:** 312.733.6930  
**Information:** 312.733.6930

### Section II: Hazards Identification

**Emergency Overview**

**Appearance and Odor:** Brown liquid; slight odor

**Potential Health Effects**

**Likely Routes of Exposure:** Skin and ingestion  
**Skin Contact:** May cause minor skin irritation.  
**Medical Conditions Aggravated by Exposure:** None Known

See Section XI: Toxicological Information for more information.

### Section III: Composition/Information on Ingredients

Component	CAS No.	% by Weight
Sodium Lignosulfonate	8051-51-6	14.25

### Section IV: First Aid Measures

**Description of First Aid Measures**

**If on Skin or Clothing:** Wash well with soap and water.  
**If Swallowed:** Give water to dilute. Induce vomiting. Consult a physician

### Section V: Fire-Fighting Measures

**Flash Point:** Not applicable  
**Auto ignition Temperature:** Not applicable  
**Flammability Limits:** Not applicable

**National Fire Protection Association (NFPA) Hazard Rating**

<b>Rating for this Product:</b>	<b>Health: 0</b>	<b>Flammability: 0</b>	<b>Reactivity: 0</b>
Hazards Scale:	0 = Minimal      1 = Slight	2 = Moderate      3 = Serious	4 = Severe

## Section VI: Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear appropriate protective gear for the situation. See *Personal Protection* information in Section VIII.

**Environmental Precautions:** NA

**Methods for Containment:** Absorb with dry absorbent material and store in sealed drums for disposal.

See Section VIII: Exposure Controls/Personal Protection and Section XIII: Disposal Considerations for more information.

## Section VII: Handling and Storage

### Precautions for Safe Handling

Personal hygiene is strongly encouraged so all clothing items should be changed daily. Normal precautions to good manufacturing practice should be followed.

### Conditions for Safe Storage

Personal hygiene is strongly encouraged so all clothing items should be changed daily. Normal precautions to good manufacturing practice should be followed.

## Section VIII: Exposure Controls/Personal Protection

### Engineering Controls

Where engineering controls are indicated by specific use conditions or a potential for excessive exposure exist, use local exhaust ventilation at the point of generation.

### Personal Protective Equipment

**Eye/Face Protection:** To avoid contact with eyes, wear chemical goggles or shielded safety glasses.

**Skin Protection:** Wear rubber or vinyl gloves.

**Respiratory Protection:** Not required.

**General Hygiene Considerations:** Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material: 1) do not store, use and/or consume foods, beverages, tobacco products or cosmetics in areas where this material is stored; 2) carefully wash hands and face before eating, drinking, using tobacco, applying cosmetics or using the toilet.

### Exposure Guidelines

Component	OSHA		ACGIH		Unit
	TWA	STEL	TWA	STEL	
Sodium Lignosulfonate	NE	NE	NE	NE	

NE = Not Established

## Section IX: Physical and Chemical Properties

**Appearance and Odor:** Brown liquid and slight odor

**Boiling Point:** 104°C (219.2°F)

**Density:** 9.47 pounds/gallon

**Evaporation Rate:** (0.4) water (Butyl Acetate =1)

**Freezing Point:** -2°C (28.4°F)

**pH:** 6.0

**Solubility in Water:** Completely soluble

**Specific Gravity:** 1.14 g/cc @ 25°C (77°F)

**Vapor Density:** Same as water

**Vapor Pressure:** Same as water

**Viscosity:** 0.5 cps

**Note:** Physical data are typical values, but may vary from sample to sample. A typical value should not be construed as a guaranteed analysis or as a specification.

## Section X: Stability and Reactivity

**Chemical Stability:** This material is stable under normal handling and storage conditions.

**Conditions to Avoid:** Contact with strong oxidizing agents.

**Incompatible Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Oxides of Carbon and Sulfur dioxide

**Hazardous Reactions:** Hazardous polymerization will not occur.

## Section XI: Toxicological Information

### Toxicological Data

**Oral:** > 5000mg/kg rat

**Dermal:** Slightly irritating to skin

**Inhalation:** NA

**Eye Irritation:** Mildly irritating to eyes.

**Skin Irritation:** None known

**Skin Sensitization:** None Known

### Subchronic (Target Organ) Effects:

**Carcinogenicity/Chronic Health Effects:** Not a carcinogen

**Reproductive Toxicity:** None Known

**Developmental Toxicity:** None Known

**Genotoxicity:** None Known

**Assessment Carcinogenicity:** None listed with NTP, IARC or OSHA

See Section II: Hazards Identification for more information.

## Section XII: Ecological Information

**Ecotoxicity:** None Known

**Environmental Fate:** None Known

## Section XIII: Disposal Considerations

General Regulations: Dispose in accordance with official recommendations and applicable legislation.

## Section XIV: Transport Information

Follow the precautions in Section VII: Handling and Storage.

### DOT (Department of Transportation)

**Proper Shipping Name:** Pitch Class 55

**Hazard Classification:** Not Restricted

**Identification Number:** 2702.101000

**Packing Group:** Not Hazardous

**Label Required:** No

**Reportable Quantity:** No

## Section XV: Regulatory Information

### U.S. Federal Regulations

#### SARA Hazard Notification/Reporting

Hazard Categories Under Criteria of SARA Title III Rules (40 CFR Part 370):

Section 313 Toxic Chemical(s): No

Reportable Quantity (RQ) Under U.S. CERCLA: No

RCRA Waste Code: NR – Not regulated

**State Information:** Other state regulations may apply. Check individual state requirements.

**California Proposition 65:**

## Section XVI: Other Information