



## Safety Data Sheet NanoCote™ Core

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### SECTION 1: Identification

#### 1.1 GHS Product identifier

Product name	NanoCote™ Core
Brand	NanoCote™

#### 1.3 Recommended use of the chemical and restrictions on use

Soil conditioner for use as granular fertilizer coating

#### 1.4 Supplier's details

Name	Aqua Yield Operations
Address	9180 S. Sandy Parkway Suite D Sandy Utah 84070 United States

Telephone	(801) 449-9220
email	info@nanocote.com

#### 1.5 Emergency phone number

ChemTel Inc.  
+1(800)255-3924 (North America)  
+1(813)248-0585 (International)

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### SECTION 2: Hazard identification

#### General hazard statement

This product does not meet the criteria for GHS classification in accordance with: OSHA (29 CFR 1910.1200).

#### 2.1 Classification of the substance or mixture

##### GHS classification in accordance with: OSHA (29 CFR 1910.1200)

Not a hazardous substance or mixture.

#### 2.2 GHS label elements, including precautionary statements

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Not a hazardous substance or mixture.

### 2.3 Other hazards which do not result in classification

Not applicable.

### Statement regarding ingredients of unknown toxicity

Not applicable.

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

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## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
If inhaled	If large amounts are inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
In case of skin contact	Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Wash contaminated clothing before reuse. If skin irritation occurs and persists, get medical advice/attention.
In case of eye contact	Immediately flush eyes with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Obtain medical attention if irritation develops or persists.
If swallowed	Do not induce vomiting. Rinse out mouth and then drink plenty of water. Get medical attention and call Poison Center if irritation develops and persists.

### 4.2 Most important symptoms/effects, acute and delayed

No relevant information available.

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically. If medical advice is needed, have product container or label at hand.

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## SECTION 5: Fire-fighting measures

### 5.1 Suitable extinguishing media

The product is not flammable. Use firefighting measures that suit the environment.

### 5.2 Specific hazards arising from the chemical

No relevant information available.

### 5.3 Special protective actions for fire-fighters

Self-contained breathing apparatus and full protective clothing should be worn when fighting chemical fires.

## **SECTION 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid inhalation of spray mist and contact with skin and eyes. Ensure adequate ventilation. Wear suitable protective clothing, gloves, and eye/face protection. Stop leak if safe to do so. Eliminate ignition sources. Evacuate unnecessary personnel. For personal protection, see section 8 of the SDS.

### **6.2 Environmental precautions**

No special measures required.

### **6.3 Methods and materials for containment and cleaning up**

Wipe up small spills with paper towel and discard. For larger spills, add sawdust, chalk or other inert binding material, then sweep up and discard. Dispose of the collected material according to regulations.

#### **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

No special measures required.

### **7.2 Conditions for safe storage, including any incompatibilities**

Store in a dry, cool and well-ventilated place. Keep container tightly closed. Do not store above 25°C (77°F) for maximum storage life. Protect from freezing.

#### **Specific end use(s)**

No relevant information available.

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## **SECTION 8: Exposure controls/personal protection**

### **8.2 Appropriate engineering controls**

No relevant information available.

### **8.3 Individual protection measures, such as personal protective equipment (PPE)**

#### **Eye/face protection**

Follow relevant national guidelines concerning the use of protective eyewear.

#### **Skin protection**

Not required under normal conditions of use.

#### **Body protection**

Not required under normal conditions of use.

#### **Respiratory protection**

Not required under normal conditions of use.

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## **SECTION 9: Physical and chemical properties and safety characteristics**

### **Basic physical and chemical properties**

Physical state	Liquid
Appearance	Transparent
Color	None
Odor	Moderate
Odor threshold	Not determined
Melting point/freezing point	Not determined
Boiling point or initial boiling point and boiling range	Not determined
Flammability	No
Lower and upper explosion limit/flammability limit	Not Applicable
Flash point	Not Applicable
Auto-ignition temperature	Not Applicable
Decomposition temperature	Not determined
pH	6.7-7.3
Kinematic viscosity	Not determined
Solubility	Soluble with water
Partition coefficient n-octanol/water (log value)	Not determined
Vapor pressure	Not determined
Evaporation rate	Not determined
Density and/or relative density	1.00
Relative vapor density	Not determined

### **Particle characteristics**

Not determined

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## **SECTION 10: Stability and reactivity**

### **10.1 Reactivity**

Stable and non-reactive under normal conditions.

### **10.2 Chemical stability**

Stable under normal temperatures and pressures.

### **10.3 Possibility of hazardous reactions**

No dangerous reactions under normal conditions.

### **10.4 Conditions to avoid**

No relevant information available.

### **10.5 Incompatible materials**

No relevant information available.

### **10.6 Hazardous decomposition products**

Possible in traces.

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## **SECTION 11: Toxicological information**

### **Information on toxicological effects**

#### **Acute toxicity**

Based on available data, the classification criteria are not met.

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### **Skin corrosion/irritation**

Based on available data, the classification criteria are not met.

### **Serious eye damage/irritation**

Based on available data, the classification criteria are not met.

### **Respiratory or skin sensitization**

Based on available data, the classification criteria are not met.

### **Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

### **Carcinogenicity**

Based on available data, the classification criteria are not met.

### **Reproductive toxicity**

Based on available data, the classification criteria are not met.

### **STOT-single exposure**

Based on available data, the classification criteria are not met.

### **STOT-repeated exposure**

Based on available data, the classification criteria are not met.

### **Aspiration hazard**

Based on available data, the classification criteria are not met.

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## **SECTION 12: Ecological information**

### **Toxicity**

This product is not classified as environmentally hazardous.

### **Persistence and degradability**

No relevant information available.

### **Bioaccumulative potential**

No relevant information available.

### **Mobility in soil**

No relevant information available.

### **Results of PBT and vPvB assessment**

No relevant information available.

### **Endocrine disrupting properties**

No relevant information available.

### **Other adverse effects**

No relevant information available.

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## **SECTION 13: Disposal considerations**

### **Disposal methods**

### **Product disposal**

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Smaller quantities can be disposed of with household waste. Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

### Packaging disposal

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Disposal must be made according to official regulations.

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## SECTION 14: Transport information

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

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## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations specific for the product in question

#### SARA 311/312 Hazards

Acute Health Hazard

### 15.2 Chemical Safety Assessment

No relevant information.

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## SECTION 16: Other information

### 16.2 Preparation information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This safety data sheet provides health and safety information. The product is to be used in applications consistent with best farming practice. Individuals handling this product should be informed under COSHH of the recommended safety precautions and should have access to this information. The product information data sheet is to the best of Aqua-Yield's knowledge correct as at the date of publication. Neither Aqua-Yield, importer or local supplier accepts liability for any loss or damage resulting from reliance on this information. Further information on this product may be obtained from the supplier whose name, address and telephone number will be found on the product container. The information provided herein is offered solely for your consideration, investigation and verification. This information herein is provided by Aqua-Yield in good faith as accurate at the time of writing but without guarantee. This information includes information which has been generated by other parties and provided to Aqua-Yield and which Aqua-Yield has not independently verified. The information provided herein relates only to the specific product designated and may not be valid if the product is used in combination with any other materials or in any process.

#### SDS Prepared by:

Aqua Yield Operations  
9180 S. Sandy Parkway, Suite D  
Sandy, UT 84070  
www.nanocote.com  
(801) 449-9220