

SAFETY DATA SHEET

Section 1: Identification

Product Name: Cetain

Chemical Name/Synonyms: None

Company: CarbonWorks, Inc. P.O. Box 2222 Arcadia, FL 34265

In emergency call 911.

For information about this SDS, use this contact phone#: 877-476-6283

Section 2: Hazard(s) Identification

Hazard Classification: No Applicable GHS categories

Signal Word(s): No Applicable words

Hazard Statements: None

Pictograms: Not Applicable

Precautionary Statements: None

Description of other hazards: None

Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
Humic acids		0068514-28-3	1.5%
Hydoxygenated Water		NA	98.5%

In accordance with paragraph(i) of 1910.1200 the specific identity of Hydoxygenated water has been withheld as a trade secret

Section 4: First-Aid Measures

After skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water

After eye contact: Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention

After inhalation: Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention

After swallowing: Rinse mouth. Dilute the stomach contents by giving large amounts of clean water or milk. Seek medical attention if needed.

Section 5: Fire-Fighting Measures

Suitable extinguishing agents: Use media appropriate for surrounding fire, material will not ignite

Special protective equipment for firefighters: No specific firefighting procedures known

Section 6: Accidental Release Measures

Personal precautions: Put on appropriate personal protection equipment (see section 8).

Measures for environmental protection: Do not allow spills to enter drains or waterways.

Measures for cleaning/collecting: Triple rinse containers before disposal. Empty containers should be disposed of in accordance with local regulations.

Section 7: Handling and Storage

Handling: Utilize all applicable Safe Handling Procedures, incorporating all Safety Equipment and Personnel Protection as listed in section 8.

Storage: Do not store the product in direct sunlight or expose to high temperatures. Do not allow the product to freeze. Agitate the product thoroughly prior to each use. Keep out of the reach of children. Do not store product once it has been mixed with water.

Section 8: Exposure Controls/Personal Protection

Chemical Name	OSHA PEL	OSHA PEL (ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Humic acids	No Established Limit	No Established Limit	No Established Limit	No established Limit
Hydoxygenated water	No Established Limit	No Established Limit	No Established Limit	No Established Limit

General protective and hygienic measures: Safety glasses, protective gloves, coveralls and protective footwear are recommended when handling material.

Breathing equipment: Not required if using the product outside in the fresh air. If using in an enclosed area, make sure there is adequate ventilation

Protection of hands: **Protective gloves should be worn when handling material.**

Eye protection: Safety goggles should be worn while handling material.

Section 9: Physical and Chemical Properties

Form: Brownish/Black Liquid

Odor: Wet Soil-like

Odor threshold: Not determined

pH: 1.5-2.5

Melting point/melting range: Not measured

Boiling point/boiling range: 212F 100C or higher

Flash point: Not measured

Evaporation rate: Not measured

Flammability: Will not Ignite

Upper/lower flammability or explosive limits: Not measured

Auto ignition temperature: Not measured

Danger of explosion: Very unlikely

Vapor pressure: Not measured

Vapor density: Not measured

Relative density: Not measured

Solubility in/Miscibility with water: Soluble

Section 10: Stability and Reactivity

Reactivity: Non-reactive to water, acids, bases

Chemical stability: Stable

Conditions to avoid: None known

Incompatible materials: Unknown, always use jar test for compatibility before mixing product with other materials.

Hazardous decomposition products: No known hazardous decomposition products

Section 11: Toxicological Information

Acute toxicity: Not known

Potential routes of exposure/potential health effects

Skin: NA

Eye: NA

Inhalation: NA

Ingestion: NA

Carcinogenic effects: NA

Mutagenic effects: NA

Reproductive toxicity: NA

Sensitization: NA

Target organs: NA

Section 12: Ecological Information (non-mandatory)

Ecotoxicity: NA

Mobility: NA

Biodegradation: NA

Bioaccumulation: NA

Section 13: Disposal Considerations (non-mandatory)

Dispose of in accordance with all applicable environmental regulations, including local requirements.

Section 14: Transport Information (non-mandatory)

DOT regulations: Not applicable

- **Hazard class:** NA
- **Land transport ADR/RID (cross-border):** NA
- **ADR/RID class:** NA
- **Maritime transport IMDG:** NA

Air transport ICAO-TI and IATA-DGR: NA

- **ICAO/IATA Class:** NA

Section 15: Regulatory Information (non-mandatory)

US Federal Regulations

SARA Section 355 (extremely hazardous substances): NA

SARA Section 313 (specific toxic chemical listings): NA

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs): NA

TSCA (Toxic Substances Control Act): NA

Section 16: Other Information

SDS Preparatio/Update: 7/5/2019