



# Safety Data Sheet Stronghold

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## SECTION 1: Identification

### 1.1 GHS Product identifier

Product name Stronghold

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

Agricultural Adjuvant

### 1.3 Supplier's details

Name CAROLINA EASTERN, INC.  
Address 347 McAllister Mill Road  
Scranton SC 29591  
USA

Telephone 843-389-2761

### 1.4 Emergency phone number

CHEMTREC Administrative Office Telephone number: 1-800-262-8200

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## SECTION 2: Hazard identification

### General hazard statement

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

### 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.

Not a hazardous substance or mixture.

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

Not a hazardous substance or mixture.

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

##### Components

##### 1. Proprietary blend of ethoxylates, fatty acids and paraffins

Concentration 100 % (weight)

##### Trade secret statement (OSHA 1910.1200(i))

\*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

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### SECTION 4: First-aid measures

#### 4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
In case of skin contact	Wash off with soap and plenty of water. Get medical attention if symptoms occur.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
If swallowed	Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.  Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

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

No data available

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### SECTION 5: Fire-fighting measures

#### 5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

#### 5.2 Specific hazards arising from the chemical.

None that are known.

#### 5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

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### SECTION 6: Accidental release measures

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

Ensure adequate ventilation. Use personal protective equipment. For personal protection see section 8.

#### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

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

Soak up with inert absorbent material (e.g., sand, silica gel). Keep in suitable, closed containers for disposal.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Ensure adequate ventilation. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes, and clothing. Avoid ingestion and inhalation. For precautions see section 2.2.

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

Store away from direct sunlight or ultraviolet light. Keep container tightly closed when not in use. Store in a dry place. Protect from atmospheric moisture.

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### SECTION 8: Exposure controls/personal protection

#### 8.2 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

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

##### Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

##### Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

##### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

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### SECTION 9: Physical and chemical properties

#### Basic physical and chemical properties

Physical state

Liquid

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Appearance	Clear/Cloudy
Color	Clear/Cloudy
Odor	Mild
Odor threshold	Not Determined
Melting point/freezing point	32°F
Boiling point or initial boiling point and boiling range	Not Determined
Flammability	Not Determined
Lower and upper explosion limit/flammability limit	
Flash point	102°C closed cup
Auto-ignition temperature	Not Determined
Decomposition temperature	Not Determined
pH	8.0-9.0
Kinematic viscosity	Not Determined
Solubility	Dispersible
Partition coefficient n-octanol/water (log value)	Not Determined
Vapor pressure	Not Determined
Evaporation rate	Not Determined
Density and/or relative density	8.5 lbs./gal. 1.02 Specific Gravity
Relative vapor density	Not Determined

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### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

None under normal use conditions.

#### 10.2 Chemical stability

Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

None under normal use conditions.

#### 10.4 Conditions to avoid.

Exposure to elevated temperatures can cause product to decompose. Avoid direct sunlight or ultraviolet sources.

#### 10.5 Incompatible materials

Avoid contact with strong acids, strong bases and strong oxidizers.

#### 10.6 Hazardous decomposition products

Aldehydes, Alcohols, Ethers, and organic acids.

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### SECTION 11: Toxicological information

#### Information on toxicological effects

##### Acute toxicity

Not established

##### Skin corrosion/irritation

No data available

##### Serious eye damage/irritation

Causes eye irritation.

##### Respiratory or skin sensitization

No data available

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### **Germ cell mutagenicity**

No data available

### **Carcinogenicity**

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

### **Reproductive toxicity**

No data available

### **Specific target organ toxicity (STOT) - single exposure**

No data available

### **Specific target organ toxicity (STOT) - repeated exposure**

No data available

### **Aspiration hazard**

No data available

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## **SECTION 12: Ecological information**

### **Toxicity**

No data available on product

### **Persistence and degradability**

No data available on product

### **Bioaccumulative potential**

No data available on product

### **Mobility in soil**

No data available on product.

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## **SECTION 13: Disposal considerations**

### **Disposal methods**

#### **Product disposal**

Offer surplus and non-recyclable solutions to a licensed disposal company.

#### **Packaging disposal**

Dispose of as unused product.

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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

No SARA hazards.

##### SARA 313 Components

No SARA hazards.

##### HMIS Rating

Health	0
Flammability	1
Physical hazard	0
Personal protection	

##### NFPA Rating

Health hazard	1
Fire hazard	0
Reactivity hazard	0
Special hazard	

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### SECTION 16: Other information

Certification Date: November 8, 2023

#### 16.1 Further information/disclaimer

DISCLAIMER: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

#### 16.2 Preparation information

Prepared by IMS Labs, - Crop Excellence Regulatory Consultant