



**FBSCIENCES INC**

**Safety Data Sheet  
SuperSede Cotton**

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**SECTION 1: Identification**

**1.1 Product identifier**

Product name	SuperSede Cotton
Product number	FBS 1165

**1.3 Recommended use of the chemical and restrictions on use**  
Seed treatment

**1.4 Supplier's details**

Name	FBSciences Inc
Address	153 North Main Street Suite 100 Collierville TN 38017
Telephone	901-221-1200

**1.5 Emergency phone number(s)**

CHEMTREC 1-800-424-9300

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**SECTION 2: Hazard identification**

**2.1 Classification of the substance or mixture**

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

- Eye damage/irritation, Cat. 2B

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

<b>Signal word</b>	<b>Warning</b>
<b>Hazard statement(s)</b> H320	Causes eye irritation
<b>Precautionary statement(s)</b> P264	Wash hands thoroughly after handling.

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P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P337+P313

If eye irritation persists: Get medical advice/attention.

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

##### Hazardous components

###### 1. Zinc sulfate monohydrate

Concentration 1 % (weight)\*

CAS no. 7446-19-7

###### 2. Boric acid (H<sub>3</sub>BO<sub>3</sub>), compd with 2-aminoethanol (1:?)

Concentration 2 % (weight)\*

CAS no. 26038-87-9

##### 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	Get medical advice/attention if you feel unwell.
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.
In case of eye contact	Continue rinsing eyes during transport to hospital. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	<p>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.</p> <p>Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.</p>

#### 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

Treat symptomatically

## **SECTION 5: Fire-fighting measures**

- 5.1 Suitable extinguishing media**  
Water spray. Dry powder. Foam. Carbon dioxide.
- 5.2 Specific hazards arising from the chemical**  
Carbon oxides
- 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.
- 6.3 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**  
Avoid contact with skin and eyes. Do not eat, drink or smoke while handling. Wash hands with soap and water after handling. For precautions see section 2.
- 7.2 Conditions for safe storage, including any incompatibilities**  
Storage conditions : Store in a well-ventilated place. Keep cool.  
Incompatible products : Strong acids.
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## **SECTION 8: Exposure controls/personal protection**

- 8.1 Control parameters**
- 1. Boric acid (H<sub>3</sub>BO<sub>3</sub>), compd with 2-aminoethanol (1:?) (CAS: 26038-87-9)**
  - 2. Zinc sulfate monohydrate (CAS: 7446-19-7)**
- 8.2 Appropriate engineering controls**  
General industrial hygiene practice.
- 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 protective gloves that are impervious to the chemical substance.
- Body protection**

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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

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. 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

### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	No data available.
Odor	No data available.
Odor threshold	No data available.
pH	No data available.
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	No data available.
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

#### Other safety information

No data available.

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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

None under normal use conditions.

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### 10.5 Incompatible materials

Strong oxidizing agents; Strong acids.

### 10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Not determined.

#### Skin corrosion/irritation

No data available

#### Serious eye damage/irritation

Causes eye irritation.

#### Respiratory or skin sensitization

Based on available data, classification data are not met

#### Germ cell mutagenicity

No data available.

#### Carcinogenicity

No data available.

#### Reproductive toxicity

No data available.

#### STOT-single exposure

No data available

#### STOT-repeated exposure

Based on available data, classification data are not met

#### Aspiration hazard

Based on available data, classification data are not met

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## SECTION 12: Ecological information

### Toxicity

No data available on product

### Persistence and degradability

Easily biodegradable

### Bioaccumulative potential

Low bioaccumulative potential

### Mobility in soil

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No data available on product.

#### Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

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## SECTION 13: Disposal considerations

#### Disposal of the product

Dispose of contents/container in accordance with local, regional, national, and international regulations.

#### Disposal of contaminated packaging

Dispose in a safe manner in accordance with local/national regulations

#### Waste treatment

Dispose of contents/container in accordance with licensed collector's sorting instructions.

#### Sewage disposal

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

#### Other disposal recommendations

The generation of waste should be avoided or minimized wherever possible.

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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

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## SECTION 16: Other information

### 16.1 Further information/disclaimer

The directions for use of this product are believed to be adequate and must be followed carefully. The use of this product is beyond the control of the manufacturer, and, therefore, to the extent consistent with applicable law, no warranty, representation, or guarantee of any kind, expressed or implied, is made as to the effects of such use or any results obtained if not used in accordance with printed directions and established safe practice or if unusual or extraordinary weather conditions occur. To the extent consistent with applicable law, the buyer's exclusive remedy and manufacturer's or seller's exclusive liability in tort or otherwise, shall be limited, at the manufacturer's option, to replacement of, or the repayment of the purchase price for, the quantity of product with respect to which damages are claimed.

The information and recommendations contained herein are based upon data believed to be correct. However, there is no guarantee or warranty of any kind expressed or implied made with respect to the information contained herein.