



Safety Data Sheet SULFUR X-TREME® 2.0 DRY COMPLETE

SECTION 1: Identification

1.1 GHS Product identifier

Product name SULFUR X-TREME® 2.0 DRY COMPLETE

1.2 Recommended use of the chemical and restrictions on use

Foliar Nutritional Soluble Powder

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

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 (C.4.5), Cat. 1
- Skin corrosion/irritation (C.4.4), Cat. 1
- Acute toxicity, inhalation (C.4.3), Cat. 4
- Acute toxicity, dermal (C.4.2), Cat. 4

2.2 GHS label elements, including precautionary statements.

Pictograms



1. Exclamation mark; 2. Corrosion

Signal word

Danger

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Hazard statement(s)

Causes serious eye damage.
Causes severe skin burns and eye damage.
Harmful if inhaled.
Harmful in contact with skin
May damage fertility or the unborn child.
Causes damage to organs [organs] through prolonged or repeated exposure.
Harmful to aquatic life

Precautionary statement(s)

P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P270	Do not eat, drink, or smoke when using this product.
P264	Wash thoroughly after handling.
P501	Dispose of contents/container.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P363	Wash contaminated clothing before reuse.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P321	Specific treatment (see on this label).
P405	Store locked up.
P271	Use only outdoors or in a well-ventilated area.
P312	Call a POISON CENTER/doctor if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of water.
P362+P364	Take off contaminated clothing and wash it before reuse.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Proprietary blend of plant nutrients

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).

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.

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If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with plenty of water for at least 15 minutes. Call a poison center or doctor if irritation develops or persists. Acute and delayed symptoms and effects: May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor. Acute and delayed symptoms and effects: Causes serious eye damage. Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision, or complete loss of vision.
If swallowed	Rinse mouth. 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. Call a poison center or doctor if you feel unwell. Acute and delayed symptoms and effects: Harmful if swallowed. 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

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire.

5.2 Specific hazards arising from the chemical.

Avoid breathing dust, vapors, or fumes from burning materials. In case of inhalation of decomposition products in a fire, symptoms may be delayed. Decomposition products may include carbon dioxide, carbon monoxide and metal oxide/oxides.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary. Heating to dryness may cause the release of carbon dioxide gas. Cool containers with water spray.

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

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Prevent further leakage or spillage if safe to do so. Do not let product enter drains, sewers, and public waters. Retain and dispose of contaminated water used for washing residues.

6.3 Methods and materials for containment and cleaning up.

Pick up and arrange disposal without creating dust. Sweep up and shovel. Do not flush with water. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of the reach of children.

7.2 Conditions for safe storage, including any incompatibilities.

Keep container tightly closed in a cool, dry and well-ventilated place, protected from direct sunlight. Store locked up.

SECTION 8: Exposure controls/personal protection

8.2 Appropriate engineering controls

Avoid contact with skin, eyes, and clothing. Wash hands before breaks and immediately after handling the product. Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

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 respirator with multipurpose combination (US) or type ABEK (EN 14387) 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).

Environmental exposure controls

Do not let product enter drains.

SECTION 9: Physical and chemical properties

Basic physical and chemical properties

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Physical state	Solid
Appearance	Powder
Color	White
Odor	Odorless
Odor threshold	Not Determined
Melting point/freezing point	Not Determined
Boiling point or initial boiling point and boiling range	Not Determined
Flammability	Not Determined
Lower and upper explosion limit/flammability limit	Not Determined
Flash point	Not Determined
Auto-ignition temperature	Not Determined
Decomposition temperature	Not Determined
pH	Not Determined
Kinematic viscosity	Not Determined
Solubility	Soluble in cold water
Partition coefficient n-octanol/water (log value)	Not Determined
Vapor pressure	Not Determined
Evaporation rate	Not Determined
Density and/or relative density	Not Determined
Relative vapor density	Not Determined

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended use conditions and storage

10.3 Possibility of hazardous reactions

None that are known.

10.4 Conditions to avoid.

Avoid contamination by any source including metals, dust and organic materials.

10.5 Incompatible materials

None that are known.

10.6 Hazardous decomposition products

None that are known.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Oral LD50 - Rat - >2150 mg/kg

Dermal LD50 - Rabbit - >2000 mg/kg

Inhalation LD50 - Rat - 2 mg/L

Skin corrosion/irritation

May cause skin irritation.

Serious eye damage/irritation

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Risk of serious damage to eyes.

Respiratory or skin sensitization

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

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

May damage fertility of the unborn child. Teratogen - May damage the unborn child.

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

SECTION 12: Ecological information

Toxicity

No data available on product

Persistence and degradability

No known significant effects or critical hazards

Bioaccumulative potential

No known significant effects or critical hazards

Mobility in soil

No data available

Other adverse effects

Harmful to aquatic life with long lasting effects

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Packaging disposal

Dispose of as unused product.

Other disposal recommendations

Avoid releasing into the environment.

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SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

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

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard, Chronic Health Hazard, Pressure, Reactive

California Prop. 65 Components

WARNING! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

HMIS Rating

Health	2
Flammability	0
Physical hazard	0
Personal protection	

NFPA Rating

Health hazard	2
Fire hazard	0
Reactivity hazard	0
Special hazard	

SECTION 16: Other information

Certification Date: November 29, 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