



Safety Data Sheet NANO TECH

SECTION 1: Identification

1.1 GHS Product identifier

Product name NANO TECH

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 29592

1.4 Emergency phone number

For Emergency: Chemtrec (800)424-9300

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200, 2012)

- Acute toxicity, oral, Cat. 1
- Eye damage/irritation, Cat. 1
- Sensitization, skin, Cat. 1B

2.2 GHS label elements, including precautionary statements.

Pictograms



Signal word

Danger

Hazard statement(s)

H300
H317
H318

Harmful if swallowed.
May cause an allergic skin reaction.
Causes serious eye damage.

Precautionary statement(s)

P261
P264

Avoid breathing dust/fume/gas/mist/vapors/spray.
Wash ... thoroughly after handling.

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P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear eye protection/face protection/protective gloves.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
P302+P352	IF ON SKIN: Wash with plenty of water/...
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/...
P321	Specific treatment (see ... on this label).
P330	Rinse mouth.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P405	Store locked up.
P501	Dispose of contents/container to ...

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Liquid Fertilizer Blend

Concentration Not specified

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

If inhaled	Move to fresh air and keep comfortable, seek medical attention if unwell.
In case of skin contact	Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before re-use.
In case of eye contact	Immediately flush with water for 15-20 minutes, remove contact lenses if present and easy to- continue rinsing and seek medical attention.
If swallowed	Immediately call POISON CONTROL and seek medical attention. Rinse mouth, DO NOT INDUCE VOMITING unless directed by a medical professional.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use media suitable for surrounding fire. No special media required.

5.2 Specific hazards arising from the chemical.

When heated to decomposition, this product will emit toxic oxides and sulfides.

5.3 Special protective actions for fire-fighters

Wear full protective clothing and positive-pressure self-contained breathing apparatus (SCBA)

SECTION 6: Accidental release measures

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6.1 Personal precautions, protective equipment and emergency procedures

Wear PPE according to Section 8.

6.2 Environmental precautions

Prevent spilled material from entering storm drains or water bodies. If material enters a waterway, notify the appropriate authorities.

6.3 Methods and materials for containment and cleaning up.

Contain material and place in containers for use as intended, or discard according to Federal, State and Local regulations.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Wash hands after handling material. Do not eat, drink, or smoke while handling the material. Do not breathe vapors/mists. Not intended for human consumption.

7.2 Conditions for safe storage, including any incompatibilities.

Store locked up in a cool, dry, well-ventilated area away from incompatible materials.

SECTION 8: Exposure controls/personal protection

8.2 Appropriate engineering controls

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 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).

SECTION 9: Physical and chemical properties

Basic physical and chemical properties

Physical state

Liquid

Appearance

Clear, very pale pink solution with no appreciable odor

Color

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Odor	
Melting point/freezing point	Not applicable
Boiling point or initial boiling point and boiling range	No available
Flammability	Not flammable
Lower and upper explosion limit/flammability limit	
Flash point	Not flammable
Auto-ignition temperature	
Decomposition temperature	
pH	1.30
Kinematic viscosity	
Solubility	Soluble
Partition coefficient n-octanol/water (log value)	
Vapor pressure	Not available
Density and/or relative density	1.031
Relative vapor density	

SECTION 10: Stability and reactivity

10.1 Reactivity

Product is stable.

10.2 Chemical stability

Product is stable.

10.4 Conditions to avoid

Heat

10.5 Incompatible materials

Strong acids, bases and oxidizers

10.6 Hazardous decomposition products

Toxic oxides and sulfides

SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation

Causes severe skin burns.

Serious eye damage/irritation

Causes eye damage.

Respiratory or skin sensitization

Causes irritation to the respirator tract. Harmful if swallowed.

SECTION 12: Ecological information

Toxicity

This product is not classified as environmentally hazardous.

Persistence and degradability

No data available on product

Bioaccumulative potential

No data available on product.

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Mobility in soil

No data available on product.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Use product for intended purpose where possible. Dispose of in accordance with all national, regional/state and local regulations.

Packaging disposal

Triple rinse plastic containers and offer for recycling. Surplus and non-recyclable solutions should be offered to a licensed disposal company. Do not reuse containers.

Sewage disposal

Do not allow to enter drains or water courses.

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

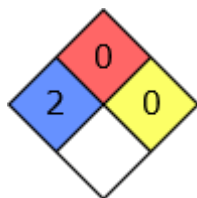
SARA 311/312

ACUTE

HMIS Rating

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HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

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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 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