



Safety Data Sheet AMINO POP

SECTION 1: Identification

1.1 GHS Product identifier

Product name AMINO POP

1.2 Recommended use of the chemical and restrictions on use

Enhanced plant growth and vigor, Increased soil health

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: 1-800-424-9300

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

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

- Skin corrosion/irritation (C.4.4), Cat. 2
- Eye damage/irritation (C.4.5), Cat. 2A

2.2 GHS label elements, including precautionary statements

Pictograms



1. Exclamation mark

Hazard statement(s)

Causes skin irritation
Causes serious eye irritation

Precautionary statement(s)

P264

Wash ... thoroughly after handling.

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P280	Wear protective gloves/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P321	Specific treatment (see on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

1. Urea

Concentration	15 - 40 % (weight)
CAS no.	57-13-6

2. Complexing Agent

Concentration	0.5 - 1.5 % (weight)
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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.
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. Take off contaminated clothing and wash it before reuse. Acute and delayed symptoms and effects: Causes 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. If eye irritation persists: Get medical attention/advice. Acute and delayed symptoms and effects: Causes serious eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy 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

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so by medical personnel. Never give anything by mouth to an unconscious person. Call a poison center or doctor if you feel unwell.

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. Do not use a water jet.

5.2 Specific hazards arising from the chemical

Products of combustion may include are not limited to: oxides of carbon, Ammonia, oxides of nitrogen, irritating vapors, metal oxides.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary. Keep upward of fire. Wear full firefighting turn-out gear.

Further information

Do not allow run-off from firefighting to enter drains or water courses. Relevant water authorities should be notified of any large spillage to the water course or drain.

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 entry to sewers and public waters. Notify authorities if the product enters sewers or public waters.

6.3 Methods and materials for containment and cleaning up

Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Pump up the product into a suitably labeled spare container. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal.

Reference to other sections

For disposal see section 13.

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

Keep out of reach of children. Keep container tightly closed. Store in dry, cool, well-ventilated area. Keep from freezing. Containers which are opened should be properly resealed and kept upright to prevent leakage.

SECTION 8: Exposure controls/personal protection

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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
Color	Dark Brown
Odor	No Data Available
Odor threshold	No Data Available
Melting point/freezing point	No Data Available
Boiling point or initial boiling point and boiling range	No Data Available
Flammability	No Data Available
Lower and upper explosion limit/flammability limit	
Flash point	No Data Available
Auto-ignition temperature	No Data Available
Decomposition temperature	No Data Available
pH	5.06
Kinematic viscosity	No Data Available
Solubility	No Data Available
Partition coefficient n-octanol/water (log value)	No Data Available
Vapor pressure	No Data Available
Evaporation rate	No Data Available
Density and/or relative density	10.37 lb./gal
Relative vapor density	No Data Available

SECTION 10: Stability and reactivity

10.1 Reactivity

None under normal use conditions.

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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

Heat. Protect from moisture

10.5 Incompatible materials

Strong oxidizers

10.6 Hazardous decomposition products

May include and are not limited to : oxides of carbon, Ammonia, oxides of nitrogen, irritating vapors, metal oxides

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Urea: 57-13-6

LD50 Oral - Rat - 8471 mg/kg

Skin corrosion/irritation

Causes skin irritation, pH: 5.06

Serious eye damage/irritation

Causes serious eye irritation, pH: 5.06

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

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

SECTION 12: Ecological information

Toxicity

May cause long-term adverse effects in the aquatic environment.

Urea 57-14-6

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LC50- Fish [1]: 16200-18300 mg/l (Exposure time: 96h - Species: Poecilia reticulata)
EC50 -Crustacea [1]: 3910 mg/l (Exposure time: 48h - Species: Daphnia magna [Static])

Persistence and degradability

Not established

Bioaccumulative potential

Not established

Mobility in soil

No data available on product.

Other adverse effects

May cause eutrophication at very low concentrations.

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.

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

Canadian Domestic Substances List (DSL)

Chemical name: Urea

CAS: 57-13-6

Toxic Substances Control Act (TSCA) Inventory

All components of this product are listed or excluded from listing on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

US State Regulations

Warning: This product can expose you to Cobalt sulfate, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

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HMIS Rating

Health	0
Flammability	0
Physical hazard	0
Personal protection	

NFPA Rating

Health hazard	0
Fire hazard	0
Reactivity hazard	0
Special hazard	

SECTION 16: Other information

Certification Date: September 18, 2024

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