

SAFETY DATA SHEET

DATE PREPARED: 06/04/26

CURRENT AS OF: 6/11/26

SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION

PRODUCT CODE:

PRODUCT NAME: Nuvano BCu

PRODUCT USE: Fertilizer

MFR INFO: FOR EMERGENCY: Chemtrec (800) 424-9300
FOR INFORMATION: (561) 516-5278

SECTION 2: HAZARDS IDENTIFICATION

HAZARD SYMBOLS / STATEMENTS:



WARNING

CAUSES EYE AND SKIN IRRITATION.

HAZARD CLASSIFICATIONS:

EYE IRRITATION
SKIN IRRITATION

CATEGORY

2B
2

INTERPRETATION

Causes eye irritation
Causes skin irritation

PRECAUTIONARY STATEMENTS:

- *WEAR PROTECTIVE GLOVES AND CLOTHING*
- *REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE*
- *AVOID BREATHING VAPORS/MISTS*
- *USE ONLY OUTDOORS OR IN WELL-VENTILATED AREA*
- *IF INHALED: MOVE TO FRESH AIR AND KEEP COMFORTABLE. SEEK MEDICAL ATTENTION IF UNWELL*
- *IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION*
- *SEEK MEDICAL ATTENTION IF YOU FEEL UNWELL*
- *WASH THOROUGHLY AFTER HANDLING*
- *DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT*
- *IF SWALLOWED AND UNWELL: SEEK MEDICAL ATTENTION*
- *IF IN EYES OR ON SKIN: RINSE AREA WITH PLENTY OF WATER, REMOVE CONTACT LENSES*
- *IF EYE OR SKIN IRRITATION CONTINUES: SEEK MEDICAL ATTENTION*

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY

SYNONYM

CAS NUMBER

CONCENTRATION (%)

Copper Diammonium EDTA

67989-88-2

20-30

Ureas	Mixed ureas	57-13-6	00-10
Ammonium Dihydrogen Phosphate	MAP	7722-76-1	10-20
Ammonium Sulfate		7783-20-2	00-10
Boron		7440-42-8	20-30

SECTION 4: FIRST AID MEASURES

IF INHALED:	Move to fresh air and keep comfortable, seek medical attention if unwell.
IF ON SKIN:	Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before re-use.
IF IN THE EYES:	Immediately flush with water for 15-20 minutes, remove contact lenses if present and easy to do – continue rinsing. Seek medical attention if irritation persists.
IF SWALLOWED:	Rinse mouth. DO NOT INDUCE VOMITING unless directed by a medical professional. Call POISON CONTROL and seek medical attention if unwell.
SPECIAL TREATMENT:	None known
HEALTH HAZARDS:	See Section 11

SECTION 5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA:	Use media suitable for surrounding fire. No special media required.
SPECIFIC FIRE HAZARDS:	When heated to decomposition, this product will emit toxic oxides/fumes, sulfides, and ammonia.
SPECIAL FIREFIGHTING PROCEDURES:	Wear full protective clothing and positive-pressure self-contained breathing apparatus (SCBA).

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL / RELEASE PROCEDURES:	Contain material and place in containers for use as intended, or discard according to Federal, State and Local regulations.
ENVIRONMENTAL PRECAUTIONS:	Prevent spilled material from entering storm drains or water bodies. If material enters a waterway, notify the appropriate authorities.
PROTECTIVE EQUIPMENT:	Wear PPE according to Section 8

SECTION 7: HANDLING AND STORAGE

Wash hands after handling material. Do not eat, drink or smoke while handling the material. Avoid breathing vapors/mists. Not intended for human consumption. Do not store with food or feedstuffs. Store in a cool, dry, well-ventilated area away from incompatible materials.

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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:

Nuvano BCu

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. Currently, the other constituents have no known exposure limits.

HAZARDOUS COMPONENT

OSHA PEL

ACGIH TLV

No requirements

PERSONAL PROTECTIVE EQUIPMENT / PROTECTION MEASURES / CONTROLS:

RESPIRATORY PROTECTION:	NIOSH approved respirator, if required
EYE PROTECTION:	Safety glasses with sideshields, goggles, or faceshield
SKIN PROTECTION:	Appropriate for the task. Impervious and compatible with material.
VENTILATION:	Use with adequate ventilation

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Blue solution with no appreciable odor
pH:	~ 6.00
MELTING POINT:	Not applicable
BOILING POINT:	Not available
FLASH POINT:	Not flammable
EVAPORATION RATE:	Not available
FLAMMABLE LIMITS:	Not applicable
VAPOR PRESSURE:	Not available
VAPOR DENSITY:	Not available
SPECIFIC GRAVITY:	~ 1.355
SOLUBILITY (IN WATER):	Soluble
PARTITION COEFFICIENT:	Not available
AUTOIGNITION TEMP:	Not available
DECOMPOSITION TEMP:	Not available
ODOR THRESHOLD:	Not available
VISCOSITY:	Not available

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Product is stable.
CONDITIONS TO AVOID:	Heat
INCOMPATIBILITY:	Strong acids, bases, oxidizers, soft metals and alloys
HAZARDOUS DECOMPOSITION PRODUCTS:	Toxic oxides/fumes, sulfides, and ammonia.

SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:	Causes eye and skin irritation.
CARCINOGENICITY:	None of the ingredients are known / listed carcinogens.
INGREDIENT TOXICITY RANGES:	

ORAL:	> 3,000 mg/kg (ammonium sulfate) – 14,300 mg/kg (urea)
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DERMAL:	> 2,000 mg/kg (ammonium sulfate)
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SECTION 12: ECOLOGICAL INFORMATION

Long-term degradation products may arise. Products of degradation are not expected to be hazardous. Excessive nutrients in waterways may cause algal blooms that may be detrimental to aquatic life.

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

This product is not regulated as a transportation hazard.

SECTION 15: REGULATORY INFORMATION

SARA 311/312:	ACUTE
SARA 313:	Copper Compounds
REPORTABLE QUANTITY:	Copper Compounds (No RQ)
RIGHT-TO-KNOW:	Copper Compounds (CA, MA, MN, NJ, PA, RI)
CA PROP-65:	No requirement

SECTION 16: OTHER INFORMATION

NFPA RATINGS:	HEALTH	1
	FLAMMABILITY	0
	INSTABILITY	0
HMIS RATINGS:	HEALTH	1
	FLAMMABILITY	0
	INSTABILITY	0

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