

Safety Data Sheet

Classified According to OSHA Hazard Communication Standard (HCS)

SECTION 1: Identification

1.1. Product Identifier

Trade Name or Designation: Micro Nutrient Solution (5-0-1)

Product Number: RCN03000

Other Identifying Product Numbers: RCN03000-1A, RCN03000-250A, RCN03000-4A, RCN03000-500A

1.2. Recommended Use and Restrictions on Use

For General Use

1.3. Details of the Supplier of the Safety Data Sheet

Company: Ricca Chemical Company

Address: 448 West Fork Drive

Arlington, TX 76012 USA

Telephone: 888-467-4222

1.4. Emergency Telephone Number (24 hours)

CHEMTREC (USA)	800-424-9300
CHEMTREC (International)	1+ 703-527-3887

SECTION 2: Hazard(s) Identification

2.1. Classification of the Substance or Mixture

For the full text of the Hazard and Precautionary Statements listed below, see Section 16.

Hazard Class	Category	Hazard Statements	Precautionary Statements:
Eye Damage / Irritation	Category 1	H318	P280, P305+P351+P338, P310

2.2. GHS Label Elements

Pictograms:



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Signal Word: **Danger**

Hazard Statements:

Hazard Number	Hazard Statement
H318	Causes serious eye damage.

Precautionary Statements:

Precautionary Number	Precautionary Statement
P280	Wear protective gloves and eye protection.
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 or physician.

2.4. Hazards not Otherwise Classified or Covered by GHS

Data not available.

SECTION 3: Composition / Information on Ingredients

3.1. Components of Substance or Mixture

Chemical Name	Formula	Molecular Weight	CAS Number	Weight%
Water	H ₂ O	18.01 g/mol	7732-18-5	70.23
Calcium Nitrate Tetrahydrate	Ca(NO ₃) ₂ ·4H ₂ O	238.16 g/mol	13477-34-4	23.25
Ammonium Nitrate	NH ₄ NO ₃	80.04 g/mol	6484-52-2	2.94
Potassium Nitrate	KNO ₃	101.10 g/mol	7757-79-1	2.07
Ferric EDTA, sodium salt	C ₁₀ H ₁₂ FeN ₂ NaO ₈	367.04 g/mol	15708-41-5	0.34
Iron	Fe	55.84 g/mol	7439-89-6	0.34
Calcium Carbonate	CaCO ₃	100.09 g/mol	471-34-1	0.32
Manganese EDTA, disodium salt	C ₁₀ H ₁₂ MnN ₂ Na ₂ O ₈	389.12 g/mol	15375-84-5	0.31
Zinc	Zn	65.40 g/mol	7440-66-6	< 0.1
EDTA Disodium Copper (II) salt	C ₁₀ H ₁₂ CuN ₂ O ₈ ·2Na	397.74 g/mol	14025-15-1	< 0.1
Potassium Tetraborate Tetrahydrate	K ₂ B ₄ O ₇ ·4H ₂ O	305.50 g/mol	12045-78-2	< 0.1
Cobalt Nitrate Hexahydrate	Co(NO ₃) ₂ ·6H ₂ O	291.03 g/mol	10026-22-9	< 0.1
Ammonium Molybdate Tetrahydrate	(NH ₄) ₆ Mo ₇ O ₂₄ ·4H ₂ O	1236.00 g/mol	12054-85-2	< 0.1



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SECTION 4: First-Aid Measures

4.1. General First Aid Information

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

Inhalation: Not expected to require first aid. If necessary, remove to fresh air.

Skin Contact: No action required to be taken. If necessary, wash areas of contact with water.

Ingestion: No action required to be taken. If necessary, dilute with water.

4.2. Most Important Symptoms and Effects, Acute and Delayed

Causes serious eye damage.

4.3. Medical Attention or Special Treatment Needed

Immediately call a POISON CENTER or physician.

SECTION 5: Fire-Fighting Measures

5.1. Extinguishing Media

Not considered to be a fire or explosion hazard.

5.2. Specific Hazards Arising from the Substance or Mixture

Not considered to be a fire or explosion hazard.

5.3. Special Protective Equipment for Firefighters

Wear protective clothing and NIOSH-approved breathing equipment appropriate for the surrounding fire.

SECTION 6: Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Wear protective gloves and eye protection.

6.2. Cleanup and Containment Methods and Materials

Absorb with suitable material and dispose of in accordance with local regulations.

SECTION 7: Handling and Storage

7.1. Precautions for Safe Handling and Storage Conditions

Protect from freezing and physical damage.

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SECTION 8: Exposure Controls / Personal Protection

8.1 Control Parameters

Chemical Name	Limit Type	Country	Exposure Limit	Information Source
Cobalt Nitrate Hexahydrate (10026-22- TLV-TWA		USA	"0.02 mg/m ³ TWA (inhalable particulate matter, as Co)" As Cobalt inorganic compounds [RR-02516-1]	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Cobalt Nitrate Hexahydrate (10026-22- TLV-TWA		USA	"0.02 mg/m ³ TWA (inhalable particulate matter, as Co)" As Cobalt inorganic compounds [RR-02516-1]	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Cobalt Nitrate Hexahydrate (10026-22- TLV-TWA		USA	0.02 mg/m ³ TWA (inhalable particulate matter, as Co)	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Cobalt Nitrate Hexahydrate (10026-22- TLV-TWA		USA	"0.02 mg/m ³ TWA (inhalable particulate matter, as Co)" As Cobalt inorganic compounds [RR-02516-1]	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Potassium Tetraborate Tetrahydrate (1 TLV-STEL		USA	"6 mg/m ³ STEL (inhalable particulate matter)" As Borate compounds, inorganic [RR-33876-1]	ACGIH - Threshold Limit Values - Short Term Exposure Limits (TLV-STEL)
Potassium Tetraborate Tetrahydrate (1 TLV-TWA		USA	"2 mg/m ³ TWA (inhalable particulate matter)" As Borate compounds, inorganic [RR-33876-1]	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Potassium Tetraborate Tetrahydrate (1 TLV-TWA		USA	"2 mg/m ³ TWA (inhalable particulate matter)" As Borate compounds, inorganic [RR-33876-1]	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Potassium Tetraborate Tetrahydrate (1 TLV-STEL		USA	"6 mg/m ³ STEL (inhalable particulate matter)" As Borate compounds, inorganic [RR-33876-1]	ACGIH - Threshold Limit Values - Short Term Exposure Limits (TLV-STEL)

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Potassium Tetraborate Tetrahydrate (1 TWA	USA	"0.002 mg/m ³ TWA (as Pt)" As Platinum, soluble salts [RR-00046-4]	U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)
Potassium Tetraborate Tetrahydrate (1 TLV-TWA	USA	"0.002 mg/m ³ TWA (as Pt)" As Platinum soluble salts [RR-00046-4]	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Potassium Tetraborate Tetrahydrate (1 TLV-TWA	USA	2 mg/m ³ TWA (inhalable particulate matter)	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Potassium Tetraborate Tetrahydrate (1 TLV-STEL	USA	6 mg/m ³ STEL (inhalable particulate matter)	ACGIH - Threshold Limit Values - Short Term Exposure Limits (TLV-STEL)
Ammonium Molybdate Tetrahydrate (1; TLV-TWA	USA	"0.5 mg/m ³ TWA (respirable particulate matter, as Mo)" As Molybdenum soluble compounds [RR-00036-2]	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Ammonium Molybdate Tetrahydrate (1; TWA	USA	"5 mg/m ³ TWA (as Mo)" As Molybdenum, soluble compounds [RR-00036-2]	U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)
Ammonium Molybdate Tetrahydrate (1; TWA	USA	"5 mg/m ³ TWA (as Mo)" As Molybdenum, soluble compounds [RR-00036-2]	U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)
Ammonium Molybdate Tetrahydrate (1; TLV-TWA	USA	"0.5 mg/m ³ TWA (respirable particulate matter, as Mo)" As Molybdenum soluble compounds [RR-00036-2]	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Ammonium Molybdate Tetrahydrate (1; TWA	USA	5 mg/m ³ TWA (as Mo)	U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)
Ammonium Molybdate Tetrahydrate (1; TLV-TWA	USA	0.5 mg/m ³ TWA (respirable particulate matter, as Mo)	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
EDTA Disodium Copper (II) salt (1402; TLV-TWA	USA	"1 mg/m ³ TWA (dust and mist, as Cu)" As Copper compounds [RR-00595-8]	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
EDTA Disodium Copper (II) salt (1402; TLV-TWA	USA	1 mg/m ³ TWA (dust and mist, as Cu)	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Manganese EDTA, disodium salt (1537 PEL-Ceiling	USA	"5 mg/m ³ Ceiling (as Mn)" As Manganese compounds [RR-00602-0]	U.S. - OSHA - Final PELs - Ceiling Limits
Manganese EDTA, disodium salt (1537 PEL-Ceiling	USA	5 mg/m ³ Ceiling (as Mn)	U.S. - OSHA - Final PELs - Ceiling Limits

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Ferric EDTA, sodium salt (15708-41-5) TLV-TWA	USA	"1 mg/m ³ TWA (as Fe)" As Iron salts, soluble [RR-00521-0]	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Ferric EDTA, sodium salt (15708-41-5) TLV-TWA	USA	1 mg/m ³ TWA (as Fe)	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)

8.2. Exposure Controls

Engineering Controls: No specific controls are needed. Normal room ventilation is adequate.

Respiratory Protection: No specific controls are needed. Normal room ventilation is adequate.

Skin Protection: Wear protective gloves and eye protection.

Eye Protection: Wear protective gloves and eye protection.

8.3. Personal Protective Equipment

Wear protective gloves and eye protection.



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SECTION 9: Physical and Chemical Properties

9.1. Basic Physical and Chemical Properties

Appearance: Clear, Green Yellow

Physical State: Liquid

Odor: TBD

Odor Threshold: Data not available.

pH: Data not available.

Melting/Freezing Point: Data not available.

Initial Boiling Point/Range: Data not available.

Flash Point: Data not available.

Evaporation Rate: Data not available.

Flammability: Data not available.

Flammability/Explosive Limits: Data not available.

Vapor Pressure: Data not available.

Vapor Density: Data not available.

Relative Density: 1.23

Solubility: Data not available.

Partition Coefficient: Data not available.

Auto-Ignition Temperature: Data not available.

Decomposition Temperature: Data not available.

Viscosity: Data not available.

Explosive Properties: Data not available.

Oxidizing Properties: Data not available.

SECTION 10: Stability and Reactivity

10.1. Reactivity and Chemical Stability

Stable under normal conditions of use and storage.

10.2. Possibility of Hazardous Reactions

Data not available.

10.3. Conditions to Avoid and Incompatible Materials

Protect from freezing and physical damage.

10.4. Hazardous Decomposition Products

May emit irritating fumes when heated to decomposition.



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SECTION 11: Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity - Oral Exposure:

Not applicable.

Acute Toxicity - Dermal Exposure:

Not applicable.

Acute Toxicity - Inhalation Exposure:

Not applicable.

Acute Toxicity - Other Information:

Data not available.

Skin Corrosion and Irritation:

Not applicable.

Serious Eye Damage and Irritation:

Causes serious eye damage. Wear protective gloves and eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.

Respiratory Sensitization:

Not applicable.

Skin Sensitization:

Not applicable.

Germ Cell Mutagenicity:

Not applicable.

Carcinogenicity:

Not applicable.

Reproductive Toxicity:

Not applicable.

Specific Target Organ Toxicity from Single Exposure:

Not applicable.

Specific Target Organ Toxicity from Repeated Exposure:

Not applicable.

Aspiration Hazard:

Not applicable.

Additional Toxicology Information:

Data not available.



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SECTION 12: Ecological Information

12.1. Ecotoxicity

Not applicable.

12.2. Persistence and Degradability

Data not available.

12.3. Bioaccumulative Potential

Data not available.

12.4. Mobility in Soil

Data not available.

12.5. Other Adverse Ecological Effects

Data not available.

SECTION 13: Disposal Considerations

13.1. Waste Treatment Methods

Data not available.

SECTION 14: Transportation Information

14.1. Transportation by Land-Department of Transportation (DOT, United States of America)

Not regulated according to DOT Regulations.

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14.2. Transportation by Air - International Air Transport Association (IATA)

Not regulated according to IATA Dangerous Goods Regulations.

14.3 Transportation of Dangerous Goods (TDG, Canada)

Not regulated according to TDG Regulations.

SECTION 15: Regulatory Information

15.1. Occupational Safety and Health Administration (OSHA) Hazards

Not listed.

15.2. Superfund Amendments and Reauthorization Act (SARA) 302 Extremely Hazardous Substances

Not listed.

15.3. Superfund Amendments and Reauthorization Act (SARA) 311/312 Hazardous Chemicals

Zinc (CAS # 7440-66-6): 454 kg final RQ (no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is $>100\ \mu\text{m}$); 1000 lb final RQ (no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is $>100\ \mu\text{m}$)

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15.4. Superfund Amendments and Reauthorization Act (SARA) 313 Toxic Release Inventory (TRI)

Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): "0.1 % de minimis concentration (includes any unique chemical substance that contains Cobalt as part of that chemical's infrastructure, listed under Chemical Category N096)" As Cobalt, inorganic compounds [RR-02516-1]

Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): "0.1 % de minimis concentration (includes any unique chemical substance that contains Cobalt as part of that chemical's infrastructure, listed under Chemical Category N096)" As Cobalt, inorganic compounds [RR-02516-1];

"1.0 % de minimis concentration (reportable only when in aqueous solution, listed under Chemical Category N511)" As Nitrate compounds, water dissociable [RR-03804-0]

Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): 0.1 % de minimis concentration (includes any unique chemical substance that contains Cobalt as part of that chemical's infrastructure, listed under Chemical Category N096)

Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): 1.0 % de minimis concentration (reportable only when in aqueous solution, listed under Chemical Category N511)

Ammonium Molybdate Tetrahydrate (CAS # 12054-85-2): "1.0 % de minimis concentration (10% of total aqueous Ammonia is reportable under this listing)" As Aqueous ammonia from water dissociable ammonium salts and other sources [RR-47925-4]

Ammonium Molybdate Tetrahydrate (CAS # 12054-85-2): 1.0 % de minimis concentration (10% of total aqueous Ammonia is reportable under this listing)

Calcium Nitrate Tetrahydrate (CAS # 13477-34-4): "1.0 % de minimis concentration (reportable only when in aqueous solution, listed under Chemical Category N511)" As Nitrate compounds, water dissociable [RR-03804-0]

Calcium Nitrate Tetrahydrate (CAS # 13477-34-4): 1.0 % de minimis concentration (reportable only when in aqueous solution, listed under Chemical Category N511)

EDTA Disodium Copper (II) salt (CAS # 14025-15-1): "1.0 % de minimis concentration (includes any unique chemical substance that contains Copper as part of that chemic

15.5. Massachusetts Right-to-Know Substance List

Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): Present

Ammonium Nitrate (CAS # 6484-52-2): Present

Zinc (CAS # 7440-66-6): Present

Potassium Nitrate (CAS # 7757-79-1): Present

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15.6. Pennsylvania Right-to-Know Hazardous Substances

Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): "Environmental hazard" As Cobalt compounds [RR-00107-0]
Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): "Present" As Cobalt compounds [RR-00107-0]
Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): Environmental hazard
Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): Present
Potassium Tetraborate Tetrahydrate (CAS # 12045-78-2): "Present" As Platinum soluble salts [RR-00046-4]
EDTA Disodium Copper (II) salt (CAS # 14025-15-1): "Environmental hazard" As Copper compounds [RR-00595-8]
EDTA Disodium Copper (II) salt (CAS # 14025-15-1): "Present" As Copper compounds [RR-00595-8]
EDTA Disodium Copper (II) salt (CAS # 14025-15-1): Environmental hazard
EDTA Disodium Copper (II) salt (CAS # 14025-15-1): Present
Manganese EDTA, disodium salt (CAS # 15375-84-5): "Environmental hazard" As Manganese compounds [RR-00602-0]
Manganese EDTA, disodium salt (CAS # 15375-84-5): "Present" As Manganese compounds [RR-00602-0]
Manganese EDTA, disodium salt (CAS # 15375-84-5): Environmental hazard
Manganese EDTA, disodium salt (CAS # 15375-84-5): Present
Ferric EDTA, sodium salt (CAS # 15708-41-5): "Environmental hazard" As Iron salts [RR-04647-9]
Ferric EDTA, sodium salt (CAS # 15708-41-5): "Present" As Iron salts [RR-04647-9]
Ferric EDTA, sodium salt (CAS # 15708-41-5): Environmental hazard
Ferric EDTA, sodium salt (CAS # 15708-41-5): Present
Ammonium Nitrate (CAS # 6484-52-2): Environmental hazard
Ammonium Nitrate (CAS # 6484-52-2): Present
Zinc (CAS # 7440-66-6): "Environmental hazard" As Zinc compounds [RR-00578-7]
Zinc (CAS # 7440-66-6): "Present" As Zinc compounds [RR-00578-7]
Zinc (CAS # 7440-66-6): Environmental hazard
Zinc (CAS # 7440-66-6): Present
Water (CAS # 7732-18-5): "Present" As Ethyl alcohol and water [RR-00802-6]
Water (CAS # 7732-18-5): Present
Potassium Nitrate (CAS # 7757-79-1): Present

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15.7. New Jersey Worker and Community Right-to-Know Components

Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): "carcinogen" As Cobalt compounds [RR-00107-0]

Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): "SN 2222 500 lb TPQ (Category Code N096. Includes any unique chemical substance that contains the named metal as part of that chemical structure)" As Cobalt compounds [RR-00107-0]

Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): "SN 2222 500 lb TPQ (Category Code N096. Includes any unique chemical substance that contains the named metal as part of that chemical structure)" As Cobalt compounds [RR-00107-0];

"SN 3722 500 lb TPQ (water dissociable, Category Code N511)" As Nitrate compounds [RR-01770-9]

Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): "sn 2222" As Cobalt compounds [RR-00107-0]

Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): "sn 2222" As Cobalt compounds [RR-00107-0];

"sn 3722" As Nitrate compounds [RR-01770-9]

Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): "SN 3722 500 lb TPQ (water dissociable, Category Code N511)" As Nitrate compounds [RR-01770-9]

Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): "sn 3722" As Nitrate compounds [RR-01770-9]

Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): carcinogen

Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): sn 2222

Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): SN 2222 500 lb TPQ (Category Code N096. Includes any unique chemical substance that contains the named metal as part of that chemical structure)

Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): sn 3722

Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): SN 3722 500 lb TPQ (water dissociable, Category Code N511)

Potassium Tetraborate Tetrahydrate (CAS # 12045-78-2): "sn 0241" As Borate compounds, inorganic [RR-33876-1]

Potassium Tetraborate Tetrahydrate (CAS # 12045-78-2): sn 0241

Calcium Nitrate Tetrahydrate (CAS # 13477-34-4): "SN 3722 500 lb TPQ (water dissociable, Category Code N511)" As Nitrate compounds [RR-01770-9]

Calcium Nitrate Tetrahydrate (CAS # 13477-34-4): "sn 3722" As Nitrate compounds [RR-01770-9]

Calcium Nitrate Tetrah

15.8. California Proposition 65

Not listed.

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15.9. Canada Domestic Substances List / Non-Domestic Substances List (DSL/NDSL)

Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): Present (DSL)
Potassium Tetraborate Tetrahydrate (CAS # 12045-78-2): Present (DSL)
Potassium Tetraborate Tetrahydrate (CAS # 12045-78-2): Present (NDSL)
Ammonium Molybdate Tetrahydrate (CAS # 12054-85-2): Present (DSL)
Calcium Nitrate Tetrahydrate (CAS # 13477-34-4): Present (DSL)
EDTA Disodium Copper (II) salt (CAS # 14025-15-1): Present (DSL)
Manganese EDTA, disodium salt (CAS # 15375-84-5): Present (DSL)
Ferric EDTA, sodium salt (CAS # 15708-41-5): Present (DSL)
Calcium Carbonate (CAS # 471-34-1): Present (DSL)
Ammonium Nitrate (CAS # 6484-52-2): Present (DSL)
Iron (CAS # 7439-89-6): Present (DSL)
Zinc (CAS # 7440-66-6): Present (DSL)
Water (CAS # 7732-18-5): Present (DSL)
Potassium Nitrate (CAS # 7757-79-1): Present (DSL)

15.10. United States of America Toxic Substances Control Act (TSCA) List

All components of this solution are listed as active on the TSCA Inventory or are mixtures (hydrates) of active items listed on the TSCA Inventory.

Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): Present (ACTIVE)
Potassium Tetraborate Tetrahydrate (CAS # 12045-78-2): Present (ACTIVE)
Potassium Tetraborate Tetrahydrate (CAS # 12045-78-2): Present (INACTIVE)
Ammonium Molybdate Tetrahydrate (CAS # 12054-85-2): Present (ACTIVE)
Calcium Nitrate Tetrahydrate (CAS # 13477-34-4): Present (ACTIVE)
EDTA Disodium Copper (II) salt (CAS # 14025-15-1): Present (ACTIVE)
Manganese EDTA, disodium salt (CAS # 15375-84-5): Present (ACTIVE)
Ferric EDTA, sodium salt (CAS # 15708-41-5): Present (ACTIVE)
Calcium Carbonate (CAS # 471-34-1): Present (ACTIVE)
Ammonium Nitrate (CAS # 6484-52-2): Present (ACTIVE)
Iron (CAS # 7439-89-6): Present (ACTIVE)
Zinc (CAS # 7440-66-6): Present (ACTIVE)
Water (CAS # 7732-18-5): Present (ACTIVE)
Potassium Nitrate (CAS # 7757-79-1): Present (ACTIVE)

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15.11. European Inventory of Existing Commercial Chemical Substances (EINECS), European List of Notified Chemical Substances (ELINCS), and No Longer Polymers (NLP)

Cobalt Nitrate Hexahydrate (CAS # 10026-22-9): 233-402-1
Potassium Tetraborate Tetrahydrate (CAS # 12045-78-2): 209-236-0
Potassium Tetraborate Tetrahydrate (CAS # 12045-78-2): 215-575-5
Ammonium Molybdate Tetrahydrate (CAS # 12054-85-2): 234-722-4
Calcium Nitrate Tetrahydrate (CAS # 13477-34-4): 233-332-1
EDTA Disodium Copper (II) salt (CAS # 14025-15-1): 237-864-5
Manganese EDTA, disodium salt (CAS # 15375-84-5): 239-407-5
Ferric EDTA, sodium salt (CAS # 15708-41-5): 239-802-2
Calcium Carbonate (CAS # 471-34-1): 207-439-9
Ammonium Nitrate (CAS # 6484-52-2): 229-347-8
Iron (CAS # 7439-89-6): 231-096-4
Zinc (CAS # 7440-66-6): 231-175-3
Water (CAS # 7732-18-5): 231-791-2
Potassium Nitrate (CAS # 7757-79-1): 231-818-8

SECTION 16: Other Information

16.1. Full Text of Hazard Statements and Precautionary Statements

Causes serious eye damage.

Wear protective gloves and eye protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.

16.2. Miscellaneous Hazard Classes

Canadian Carcinogenicity Hazard Class: Not Applicable.

Physical Hazards Not Otherwise Classified (PHNOC): Not Applicable.

Health Hazards Not Otherwise Classified (HHNOC): Not Applicable.

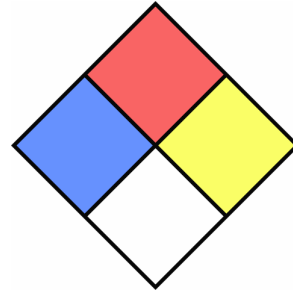
Biohazardous Infectious Materials Hazard Class: Not Applicable.



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16.3. National Fire Protection Association (NFPA) Rating

Health:
Flammability:
Reactivity:
Special Hazard:



16.4. Document Revision

Last Revision Date: 2023-12-14

DISCLAIMER

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration of its characteristics by concentration, evaporation, addition of other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and RICCA CHEMICAL COMPANY assumes no legal responsibility or liability whatsoever resulting from its use.