

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
US OSHA Hazard Communication Standard 2024 (29 CFR 1910.1200)

Issuing Date: 26-Mar-2026

Revision Date: 26-Mar-2026

Version: 1

1. Identification

Product identifier

Product Name 3-18-18-1+

Other means of identification

Product Code 69125

Recommended use of the chemical and restrictions on use

Recommended Use Agricultural Applications or Further Manufacturing Use

Restrictions on Use None known

Details of the supplier of the safety data sheet

Manufacturer Address

AgriTec International
3329 N I-35 Frontage Rd.
Gainesville, TX 76240
833-247-4832

E-mail Not Applicable

Emergency Telephone: 833-247-4832

2. Hazard(s) identification

Classification of the substance or mixture

Reproductive toxicity

Category 1B

Hazards not otherwise classified (HNOC)

Not applicable

Label elements



Danger

Hazard statements

May damage fertility or the unborn child.

Precautionary Statements - Prevention

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention.

Precautionary Statements - Storage

Store locked up.

Precautionary Statements - Disposal

Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

Hazards classified under paragraph (d)(1)(ii) of 1910.1200

Conditions	Chemical hazard classification	Category
Exposure to Chlorinated compounds	Explosives or other violent reactions	Classification not possible
Exposure to Heat strong bases leads to evolution of gaseous ammonia.	Skin corrosion/irritation Serious eye damage/eye irritation Acute toxicity - Inhalation (Gases) Flammable gases	Category 1B Category 1 Category 3 Category 2

Other Information

Harmful to aquatic life with long lasting effects.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

Chemical name	CAS No.	Weight-%
Trade Secret 1	Trade secret	30-60
Trade Secret 2	Trade secret	10-30
Trade Secret 3	Trade secret	7-13
Trade Secret 4	Trade secret	3-7
Trade Secret 5	Trade secret	1-5
Trade Secret 6	Trade secret	1-5
Trade Secret 7	Trade secret	1-5
Trade Secret 8	Trade secret	0.1-1
Trade Secret 9	Trade secret	0.1-1
Trade Secret 10	Trade secret	<0.2
Trade Secret 11	Trade secret	<0.2
Trade Secret 12	Trade secret	<0.2

If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret.

4. First-aid measures

Description of first aid measures

General advice

Show this safety data sheet to the doctor in attendance.

Inhalation

Remove to fresh air. If symptoms persist, call a physician.

Eye contact

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin contact

Wash off immediately with soap and plenty of water for at least 15 minutes. Take off contaminated clothing and wash before reuse. Destroy or thoroughly clean contaminated shoes. If symptoms persist, call a physician.

Ingestion

Rinse mouth. If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
Effects of Exposure	May cause adverse reproductive effects - such as birth defect, miscarriages, or infertility.

Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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5. Fire-fighting measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
Specific hazards arising from the chemical	Contact with metals may evolve flammable hydrogen gas. Thermal decomposition can lead to release of irritating and toxic gases and vapors. Do not allow run-off from fire-fighting to enter drains or water courses.
Hazardous combustion products	Carbon oxides. Nitrogen oxides (NO _x). Ammonia. Phosphorus oxides. Potassium Oxides. Oxides of sulfur. Cyanuric Acid. Oxides of boron.
Explosion Data	
Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.
Special protective equipment and precautions for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Personal precautions	Ensure adequate ventilation.
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Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. After cleaning, flush away traces with water.

7. Handling and storage**Precautions for safe handling**

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes.
General hygiene considerations	Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

Conditions for safe storage, including any incompatibilities

Storage Conditions	Store locked up.
Incompatible materials	Strong oxidizing agents, strong acids, and strong bases. Sodium hypochlorite. Metals. Chlorinated compounds. Halogens.

8. Exposure controls/personal protection

Control Parameters

Exposure Limits

The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Trade Secret 10	TWA: 2 mg/m ³ inhalable particulate matter STEL: 6 mg/m ³ inhalable particulate matter	-	-
Ammonia 7664-41-7	TWA: 25 ppm STEL: 35 ppm	TWA: 50 ppm TWA: 35 mg/m ³ (vacated) STEL: 35 ppm (vacated) STEL: 27 mg/m ³	TWA: 25 ppm; TWA: 18 mg/m ³ ; STEL: 35 ppm STEL: 27 mg/m ³ IDLH: 300 ppm

Note

Biological occupational exposure limits

See section 16 for terms and abbreviations.

This product, as supplied, contains materials that do not have reportable biological exposure limits or are not subject to the reporting requirements of the local jurisdiction.

Appropriate engineering controls

Engineering controls

Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection

Tight sealing safety goggles.

Hand protection

Wear suitable gloves.

Skin and body protection

Wear suitable protective clothing.

Respiratory protection

Use appropriate respiratory protection. Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state	Liquid
Color:	No information available
Odor:	No information available

Property

Values

Remarks • Method

Melting Point/Freezing Point:	No data available
Boiling point (or initial boiling point or boiling range)	No data available
Flammability (solid, gas)	No data available
Flammability Limits in Air:	
Upper Flammability Limit:	No data available
Lower Flammability Limit:	No data available
Flash Point:	No data available

Autoignition Temperature:	No data available
Decomposition temperature:	No data available
SADT (°C)	No data available
pH	No data available
pH (as aqueous solution)	No data available
Kinematic Viscosity:	No data available
Dynamic Viscosity:	No data available
Solubility	No data available
Water solubility	No data available
Partition coefficient n-octanol/water (log value)	No data available
Vapor pressure (includes evaporation rate)	No data available
Evaporation Rate (BuAc=1):	No data available
Density and/or relative density	No data available
Bulk Density:	No data available
Liquid Density	No data available
Vapor density (Air =1)	No data available
Particle characteristics	
Particle Size	No data available
Particle Size Distribution	No data available

10. Stability and reactivity

Reactivity	Reacts with nitrites, inorganic chlorides, chlorites, perchlorates, and strong oxidizers to generate heat, fire or explosions, or release toxic fumes.
Chemical stability	When heated, product releases ammonia, nitrogen oxides, and cyanuric acid. Decomposes on heating.
Possibility of hazardous reactions	If mixed with chlorine or hypochlorites, it may form nitrogen trichloride which may explode spontaneously in air. Urea will form urea nitrate when mixed with nitric acid at low pH.
Conditions to Avoid:	Extremes of temperature and direct sunlight. Exposure to air or moisture over prolonged periods.
Incompatible materials	Strong oxidizing agents, strong acids, and strong bases. Sodium hypochlorite. Metals. Chlorinated compounds. Halogens.
Hazardous decomposition products	Carbon oxides. Nitrogen oxides (NO _x). Sulfur oxides. Phosphorus oxides. Boron oxides. Potassium Oxides. Ammonia. Cyanuric acid.

11. Toxicological information

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	No information available.
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Acute toxicity

Numerical measures of toxicity

The following ATE values have been calculated for the mixture

ATEmix (oral)	14,183.20 mg/kg
ATEmix (dermal)	13,950.00 mg/kg
ATEmix (inhalation-dust/mist)	111.095 mg/L

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Trade Secret 1	> 90 mL/kg (Rat)	-	-
Trade Secret 2	-	> 5000 mg/kg (Rabbit)	-
Trade Secret 3	= 3200 mg/kg (Rat)	-	> 0.83 mg/L (Rat) 4 h
Trade Secret 5	= 8471 mg/kg (Rat)	-	-
Trade Secret 6	> 2000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 5 mg/L (Rat) 4 h
Trade Secret 7	= 3824 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Trade Secret 9	> 2000 mg/kg (Rat)	> 7940 mg/kg (Rabbit)	-
Trade Secret 10	= 2660 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 2.12 mg/L (Rat) 4 h
Trade Secret 12	= 3015 mg/kg (Rat)	> 5000 mg/kg (Rat)	> 0.527 mg/L (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity Based on available data, the classification criteria are not met.
The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Trade Secret 10	A4 - Not classifiable as a human carcinogen	-	-	-
Trade Secret 12	-	Group 2A - Probably carcinogenic to humans	-	-

Reproductive toxicity Contains a known or suspected reproductive toxin. Classification based on data available for ingredients. May damage fertility or the unborn child.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

Other Adverse Effects: No information available.

Interactive effects No information available.

12. Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Trade Secret 5	-	LC50: 16200 - 18300mg/L (96h, <i>Poecilia reticulata</i>)	-	EC50: =3910mg/L (48h, <i>Daphnia magna</i>)
Trade Secret 6	-	LC50: =26.5mg/L (96h, <i>Oncorhynchus mykiss</i>) LC50: 24.8 - 29.4mg/L (96h, <i>Oncorhynchus mykiss</i>) LC50: =3.3mg/L (96h, <i>Pimephales promelas</i>) LC50: =33mg/L (96h, <i>Pimephales promelas</i>)	-	-
Trade Secret 9	-	LC50: >85.9mg/L (96h, <i>Oncorhynchus mykiss</i>)	-	-
Trade Secret 10	-	-	-	EC50: 115 - 153mg/L (48h, <i>Daphnia magna</i>)

Persistence and Degradability: No information available.

Bioaccumulative potential

Chemical name	Partition coefficient	Bioconcentration factor (BCF)	Trophic magnification factor (TMF)
Trade Secret 5	-1.73	10	-
Trade Secret 10	-1.09	0	-

Other adverse effects No information available.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

California Hazardous Waste Status This product contains one or more substances that are listed with the State of California as a hazardous waste.

14. Transport information

DOT

Description Not DOT Regulated

15. Regulatory information

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

TSCA

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Chemical name	CAS No.	Inventory Listing Status	Commercial Activity Designation
Trade Secret 1	-	Present	Active
Trade Secret 2	-	Present	Active
Trade Secret 3	-	Present	Active
Trade Secret 4	-	Present or Exempt	Active or Exempt
Trade Secret 5	-	Present	Active
Trade Secret 6	-	Present	Active
Trade Secret 7	-	Present	Active
Trade Secret 8	-	Present	Active
Trade Secret 9	-	Present	Active
Trade Secret 10	-	Present	Active
Trade Secret 11	-	Present	Active
Trade Secret 12	-	Present	Active

DSL/NDSL

-

EINECS/ELINCS

-

ENCS

-

IECSC

-

KECL

-

PICCS

-

AICS

-

TCSI

Does not comply

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

TCSI - Taiwan Chemical Substance Inventory

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	SARA 313 - Threshold Values %
Trade Secret 6 -	1.0
Trade Secret 7 -	1.0

Trade Secret 9 -	1.0
Trade Secret 12 -	1.0

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CAA (Clean Air Act)

This product does not contain any substances regulated as pollutants pursuant to Clean Air Act (CAA).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

OSHA - Process Safety Management - Highly Hazardous Chemicals

This product does not contain any substances regulated under Process Safety Management (29 CFR 1910.119).

US State Regulations**California Proposition 65**

This product is not known to contain any Proposition 65 chemicals at or above detection limits

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable.

16. Other information

NFPA **Health hazards** 1 **Flammability** 0 **Instability** 0 **Special hazards** -

Key or legend to abbreviations and acronyms used in the safety data sheet

ACGIH	American Conference of Governmental Industrial Hygienists
ATE	Acute Toxicity Estimate
Ceiling	Maximum limit value
DOT	Department of Transportation (United States)
ECEL	Existing Chemical Exposure Limit
EPA	U.S. Environmental Protection Agency
IARC	International Agency for Research on Cancer
LC50	Lethal Concentration to 50% of a test population
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (United States)
OEL	Occupational exposure limits
OSHA	Occupational Safety and Health Administration of the US Department of Labor
PPE	Personal protective equipment
SADT	Self-Accelerating Decomposition Temperature
STEL	Short Term Exposure Limit
TSCA	Toxic Substances Control Act (United States)
TWA	Time-Weighted Average

VOC	Volatile organic compounds
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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.

End of Safety Data Sheet