



SAFETY DATA SHEET

NEUAG 1.15 Atrazine plus Fertilizer – All Blends

1. IDENTIFICATION

Product name: **NEUAG 1.15 Atrazine Plus Fertilizer – All Blends**
Product type: Turf fertilizer and pre-emergent weed control
EPA Registration No.: 19713-718-100918
Chemical name of active ingredient(s): **Atrazine**

Manufacturer/Registrant: NeuAG LLC
695 Flag Lake Drive
Clute, TX 77531
Telephone – 979-500-6130

For fire, spill, and/or leak emergencies, contact
Chemtrec: Phone: 1-800-424-9300/ 1-703-527-3887
Poison Control Center Phone: 1-800-222-1222

2. HAZARDS IDENTIFICATIONS

2.1 Classification (GHS-US)

Acute Tox. 4 (Oral)	H302
Skin Irrit. 2	H315
Eye Irrit. 2A	H319
Skin Sens. 1	H317
STOT SE 3	H335
STOT RE 2	H373
Aquatic Acute 2	H401
Aquatic Chronic 3	H412

PICTOGRAMS:



SIGNAL WORD: WARNING

HAZARD STATEMENTS:

- Harmful if swallowed
- Cause skin and eye irritation.
- May cause allergic skin reaction or respiratory irritation
- May cause damage to organs through prolonged or repeated exposure
- Toxic to aquatic life

PRECAUTIONARY STATEMENTS:

- Avoid breathing dust, mist, vapors or spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center if you feel unwell.
- Wash hand thoroughly after handling. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

SAFETY DATA SHEET

NEUAG 1.15 Atrazine plus Fertilizer – All Blends

- Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves and clothing, eye and face protection.

STORAGE AND DISPOSAL: See Section 7 and 13.

OTHER HAZARDS: See Section 11 and 12.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMMON NAME	CAS NO.	%	OSHA PEL	ACGIH TLV	OTHER	NTP/IARC/OSHA (Carcinogen)
Atrazine	1912-24-9	1.15	5 mg/m ³	5 mg/m ³	NA	NA
Inert Ingredients including:						
Crystalline silica, Quartz*	14808-60-7		0.1 mg/m ³	0.1 mg/m ³	NA	IARC: 1** NTP: 1***
Limestone	1317-65-3	<50	5 mg/m ³			
Potassium chloride	7447-40-7	<70				
Ammonium sulfate	7783-20-2	<95				
Ammonium phosphate dibasic	7783-28-0	<95				
Urea	57-13-6	<98				
Iron oxide	1309-37-1	<10	5 mg/m ³	5 mg/m ³		
Magnesium sulfate	7487-88-9	<10				
Ferrous Sulfate	7720-78-7	<10				
Magnesium oxide	1317-35-7	<10				

NA = Not applicable

*May be present as a naturally occurring mineral in the fertilizer ingredients used in this formulation. The respirable portion of crystalline silica in this product is very small, and excessive inhalation is unlikely under normal conditions of use.

**IARC Group 1: The agent (mixture) is carcinogenic to humans.

***NTP Group 1: Substances or groups of substances, and medical treatments that are known to be carcinogenic.

SAFETY DATA SHEET

NEUAG 1.15 Atrazine plus Fertilizer – All Blends

4. FIRST AID MEASURES

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give any liquid to the person.• Do not give anything by mouth to an unconscious person.
IF IN EYES:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.• Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact Poison Control at (800) 222-1222 for emergency medical treatment information.	

5. FIRE FIGHTING MEASURES

FLASH POINT: Not applicable

FLAMMABLE LIMITS: Not applicable

EXTINGUISHING MEDIA: Water, CO₂, foam, or dry chemical. Use extinguishing media appropriate for surrounding fire.

FIRE & EXPLOSION HAZARDS: Pesticide fires have potential to emit hazardous gases such as carbon monoxide, carbon dioxide, hydrogen fluoride, hydrogen chloride, nitrogen oxides, sulfur oxides, acid halides. If product is heated above decomposition temperature, toxic vapors will be released.

FIRE-FIGHTING PROCEDURES: Fire fighters should wear full protective gear and self-contained breathing apparatus. Approach the fire from upwind side. Contain runoff to prevent pollution. Fumes and smoke from fire may be hazardous.

HAZARDOUS DECOMPOSITION PRODUCTS: May release irritating and toxic gases due to thermal decomposition.

6. ACCIDENTAL RELEASE MEASURES

ACTION TO TAKE FOR SPILLS/LEAKS: Isolate and contain spill. Remove unauthorized persons from spill area. Do not walk through spilled materials. Wear suitable protective gear. Carefully sweep or scoop spilled material and place in a closed, labeled container for use or disposal. Scrub contaminated surfaces with detergent and water, and collect wash water solution for proper disposal according to label directions. Do not allow spilled material to enter streams, sewers or other waters. **Small spill or leak:** Wear protective clothing as recommended on label. Sweep up spilled material for use according to label directions. **Waste Disposal Methods:** Consult state or local environmental agency for disposal of waste generated by a spill. Wastes from the use of this product according to label directions may be disposed as specified on product label.

SAFETY DATA SHEET

NEUAG 1.15 Atrazine plus Fertilizer – All Blends

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING: Do not contaminate water, food, or feed by storage or disposal or cleaning of equipment. Carefully Wear appropriate protective gear when handling open containers. Do not take internally. Avoid contact with eyes, skin or clothing. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Use only in a well-ventilated area.

PRECAUTIONS TO BE TAKEN IN STORAGE: Store in a locked, dry area, away from feed or food, and out of reach of children, pets and domestic animals. Keep containers tightly closed when not in use. Store in original container only. Do not remove or destroy product label. Dispose of empty containers as specified on product label.

STORAGE TEMPERATURE (MIN/MAX): Normal ambient temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION, PACKAGING AND USE OF THIS PRODUCT.

FOR COMMERCIAL APPLICATIONS AND/OR ON-FARM APPLICATIONS CONSULT THE PRODUCT LABEL.

HAND PROTECTION: Chemical-resistant gloves.

SKIN PROTECTION: Long-sleeve shirt, long pants, shoes plus socks.

EYE PROTECTION: Protective eyewear or chemical safety glasses with side shields or chemical goggles when working in non-ventilated spaces.

RESPIRATOR REQUIREMENTS: For normal handling and use, a respirator is not required. For excessively dusty conditions, use a dust mask approved by MSHA/NIOSH. See OSHA regulations in 29 CFR § 1910.134 before using any respirator or dust mask.

VENTILATION: Whenever possible, adequate ventilation should be used to minimize the need for personal protective equipment.

ADDITIONAL PROTECTIVE MEASURES:

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them.

USER SAFETY RECOMMENDATIONS:

Users Should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

EXPOSURE GUIDELINES: Refer to Section 3.

ENGINEERING CONTROLS: This product is designed for outdoor use only, and ventilation is not normally required. Local exhaust may be necessary when handling this product in an enclosed area.

SAFETY DATA SHEET

NEUAG 1.15 Atrazine plus Fertilizer – All Blends

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Solid granular fertilizer ranging from off-white, yellow, brown and rust

ODOR: Characteristic fertilizer odor

pH: No data available

FLASH POINT: Non-flammable

DENSITY: 45 – 80 lbs./cu. ft

VISCOSITY: Not applicable

SOLUBILITY: Not available

VAPOR PRESSURE: Not available

MELTING POINT: Not available

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Strong oxidizers, moisture, extreme heat

HAZARDOUS DECOMPOSITION PRODUCTS: May release irritating and toxic gases due to thermal decomposition.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY/IRRITATION STUDIES:

Acute Oral LD₅₀ (Rat): Not available

Acute Dermal LD₅₀ (Rabbit): Not available

Acute Inhalation LC₅₀ (Rat): Not available

Eye Irritation: Causes substantial but reversible eye injury

Skin Irritation: Causes skin irritation

Dermal Sensitization: Not a skin sensitizer

PRIMARY ROUTES OF ENTRY: Inhalation, ingestion, skin or eye contact.

SIGNS AND SYMPTOMS OF OVER-EXPOSURE:

Eye Contact: Causes substantial but reversible eye injury

Skin Contact: Harmful absorbed through the skin. Causes skin irritation

Inhalation: Excessive inhalation of fertilizer dust may irritate nose, throat and upper respiratory tract.

Ingestion: Harmful if swallowed. No specific symptoms of acute over-exposure to the herbicide active ingredient are known to occur. Ingestion may cause irritation to mouth, esophagus, nausea, vomiting, abdominal pain, chest pain, and diarrhea.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Existing skin irritation or lesions, asthma or pulmonary disease.

SAFETY DATA SHEET

NEUAG 1.15 Atrazine plus Fertilizer – All Blends

CHRONIC TOXICITY: Excessive inhalation of crystalline silica (quartz) may cause lung injury. Atrazine: Cardiotoxicity in long term study with high doses (dogs)

REPRODUCTIVE TOXICITY: None known

DEVELOPMENTAL TOXICITY: None known

NEUROTOXICITY: None known

MUTAGENICITY: None known.

CARCINOGENICITY: Atrazine is not likely to cause cancer in humans.

TARGET ORGANS: Skin, lungs, kidney, liver, bladder, spleen, and blood effects.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS: This product is toxic to fish. Do not apply directly to water or to areas where surface water IS present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from areas treated. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning equipment or disposal of equipment wash waters.

ECOTOXICOLOGICAL INFORMATION: Atrazine is slightly toxic to birds, aquatic invertebrate and bees.

Low bioaccumulation potential. Not persistent in soil.

13. DISPOSAL CONSIDERATIONS

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spilled bait, or rinsate is a violation of Federal Law. Dispose of excess or waste pesticide by use according to label directions, or contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Dispose of product containers, waste containers, and residues according to label instructions and local, state, and federal health and environmental regulations.

SAFETY DATA SHEET

NEUAG 1.15 Atrazine plus Fertilizer – All Blends

14. TRANSPORT INFORMATION

DOT CLASSIFICATION:

Not regulated

15. REGULATORY INFORMATION

FIFRA INFORMATION:

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information for safety data sheet, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

WARNING Causes substantial but temporary eye injury. Wear protective eyewear (goggles, face shield or safety glasses). Causes skin irritation. Do not get in eyes, on skin or clothing. Harmful if swallowed, absorbed through the skin, or inhaled. Avoid breathing dust, or contact with skin, eyes or clothing. Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling. Do not allow domestic animals to graze treated areas. Avoid contamination of feed and foodstuffs.

SARA TITLE III CLASSIFICATION:

Section 302: Not applicable

Section 311/312: Acute health hazard (immediate)

Chronic health hazard (delayed)

Section 313: Atrazine (CAS # 1912-24-9) 1.15%

CA PROPOSITION 65: This product is not listed.

CERCLA RQ: Not applicable

RCRA CLASSIFICATION: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.

TSCA STATUS: The ingredients of this product are listed on the TSCA inventory or are exempt.

SAFETY DATA SHEET

NEUAG 1.15 Atrazine plus Fertilizer – All Blends

16. OTHER INFORMATION

HAZARD RATINGS	NFPA	HMIS	
HEALTH:	1	1	0 MINIMAL
FLAMMABILITY:	1	1	1 SLIGHT
REACTIVITY:	0	0	2 MODERATE
			3 HIGH
			4 SEVERE

16.1 Further information/disclaimer

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.

END OF DATA SHEET

16.2 Preparation information

EHS Manager of NeuAG, LLC