

MATERIAL SAFETY DATA SHEET
05-05-20 with 0.38 Barricade®
AGRILIANCE, LLC

For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident,
CALL CHEMTREC – Day or Night 1-800-424-9300

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: 05-05-20 + Barricade®
Product Use: Dry fertilizer containing herbicide
Company ID: Agriliance, LLC
PO Box 64089
St. Paul, MN 55164-0089
Phone #s: Emergency Phone Number - CHEMTREC (day or night): 1-800-424-9300
For Medical Emergency - Call 1-877-424-7452
Technical Support – Call 800-232-3639 ext. 5512
Date: 05/15/04 Supersedes: New

2. COMPOSITION INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS Reg. No.</u>	<u>%</u>	<u>ACGIH-TLV</u>	<u>OSHA PEL</u>
Urea	57-13-6	38	10 mg/m	10 mg/m
Diammonium Phosphate	7783-28-0	4.4	10 mg/m	10 mg/m
Potash	7778-80-5	18	10 mg/m	10 mg/m
Barricade®	2909-21-2	0.38	Not determined	Not determined

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Appearance & Odor: Multicolor granules, with slight chemical odor.

Warning Statements: Avoid extreme temperatures. Ingestion of large amounts may cause systemic poisoning; May cause eye irritation.

POTENTIAL ADVERSE EFFECTS

Eye Contact: May cause eye irritation.
Skin Contact: Not absorbed through the skin.
Ingestion: Ingestion of large amounts may cause stomach distress, nausea, or vomiting.
Inhalation: If difficulty breathing, remove to fresh air.

4. FIRST AID MEASURES

If in Eyes: Flush with cool water for 15 minutes. Remove contact lenses, if applicable and continue flushing for 15 minutes. Hold eyelids apart to rinse the entire surface of the eyes and lids. Seek medical attention if irritation persists.

If on Skin: Wash skin with soap and water. Obtain medical attention if irritation persists.

If Swallowed: Don't induce vomiting after the victim drinks 1 to 2 glasses of water. Never give anything to a person who is unconscious. Obtain medical attention.

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If Inhaled: Remove to fresh air, provide adequate ventilation.

5. FIRE FIGHTING MEASURES

Flash Point: Not Flammable. Flammable Limits: Not established.

Extinguishing Media: Use medium appropriate to surrounding fire, (water spray or fog, foam, carbon dioxide or dry chemical).

Special Fire Fighting Procedures: None in dry state.

Hazardous Combustion Products: May include and are limited to oxides of carbon, oxides of nitrogen, ammonia.

Special Fire Hazards: Fire fighters should wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill or Leak: Prevent entry into sewer or waterways.

For small spills: Use brooms and shovels and collect material for proper handling or disposal.

For large spills: Remove fertilizer and possibly soil and collect material for proper handling or disposal.

7. HANDLING AND STORAGE

Store in a cool, dry place; keep away from children, food, feed and domestic animals.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

Eye Protection: Goggles are recommended.

Skin Contact: Avoid direct skin contact. Wear normal work clothing such as coveralls or long-sleeved shirt, long pants and boots. Gloves are recommended.

Inhalation: Use filtering face piece where dust levels exceed the occupational exposure limits. If exposure occurs provide adequate ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Multicolor granules.
Physical State:	Solid
Odor:	Slight chemical odor.
Solubility in Water:	Appreciable
Vapor Pressure:	Not Applicable

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Vapor Density:	Not Applicable
Specific Gravity:	Not determined
pH:	Not determined

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	Excessive heat and fire conditions.
Materials to avoid:	Organic and easily oxidizable matter.
Hazardous Decomposition Products:	Oxides of nitrogen, carbon, and ammonia will be formed when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Routes of entry:

Eyes:	May cause irritation.
Skin:	May cause irritation.
Inhalation:	May cause respiratory irritation
Ingestion:	May cause stomach distress, nausea, or vomiting
Carcinogenicity:	Non-carcinogenic (NTP or IARC).

12. ECOLOGICAL INFORMATION

Prevent entry into sewers or waterways. The addition of fertilizer into water bodies can cause nitrification and algae blooms.

13. DISPOSAL CONSIDERATIONS

Review federal, state, and local government requirements prior to disposal.

14. TRANSPORTATION INFORMATION

DOT Classification:	Not regulated by US DOT
Reportable Quantity:	None Established

15. REGULATORY INFORMATION

SARA Hazard Notification/Reporting

Immediate <u>Y</u>	Fire <u>N</u>	Sudden Release of Pressure <u>N</u>
Delayed <u>N</u>	Reactive <u>N</u>	

SARA Title 313, Toxic chemicals:	Not listed
Section 302-304 (30 CFR 350):	Not listed

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Extremely hazardous substance (EHS): Not listed

RCRA Hazardous waste: Not listed

16. OTHER

Reasons for revision: New MSDS.

National Fire Protection Association (NFPA)
Hazardous Materials Identification System (HMIS)

NFPA	HMIS
1 Health	1 Health
0 Flammability	0 Flammability
- 0 Instability	0 Reactivity
	D PPE

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Reviewed by: Kip Landwehr

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