



**THE ANDERSONS
SAFETY DATA SHEET**

DATE PREPARED: 02/06/02

CURRENT AS OF: 10/22/18

SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION

PRODUCT CODE: APTBR450.2, APTBR450.1

PRODUCT NAME: The Andersons Professional Turf Products Fertilizer with Barricade Herbicide 0-0-7

PRODUCT USE: Fertilizer / Pesticide

MFR INFO: The Andersons Lawn Products
PO Box 119
Maumee, Ohio USA 43537

FOR EMERGENCY: (800) 757-8951

FOR INFORMATION: (419) 893-5050

SECTION 2: HAZARDS IDENTIFICATION

HAZARD SYMBOLS / STATEMENTS:



WARNING

**CAUSES SKIN AND EYE IRRITATION
CAUSE RESPIRATORY IRRITATION**

HAZARD CLASSIFICATIONS:

EYE IRRITATION

SKIN IRRITATION

SPECIFIC TARGET ORGAN TOXICITY

- SINGLE EXPOSURE

CATEGORY

2B

2

3

INTERPRETATION

Causes eye irritation

Causes skin irritation

Causes irritation to respiratory tract

PRECAUTIONARY STATEMENTS:

- *KEEP OUT OF REACH OF CHILDREN*
- *READ LABEL BEFORE USE*
- *IF MEDICAL ADVICE IS NEEDED, HAVE PRODUCT CONTAINER OR LABEL ON HAND*
- *CALL A POISON CENTER / PHYSICIAN IF UNWELL*
- *IF ON SKIN, WASH WITH PLENTY OF SOAP AND WATER*
- *IF SKIN IRRITATION OCCURS, GET MEDICAL ADVICE*
- *IF IN EYES, RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES – REMOVE CONTACT LENSES*
- *IF EYE IRRITATION PERSISTS, GET MEDICAL ADVICE*
- *WASH HANDS AFTER HANDLING*
- *USE ONLY OUTDOORS OR IN WELL VENTILATED AREAS*
- *AVOID BREATHING DUST*
- *IF INHALED, REMOVE TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING*
- *STORE CONTAINER TIGHTLY CLOSED*
- *DISPOSE OF CONTENTS / CONTAINER IN ACCORDANCE WITH NATIONAL / REGIONAL / LOCAL REGULATIONS*

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

| <u>CHEMICAL IDENTITY</u> | <u>SYNONYM</u> | <u>CAS NUMBER</u> | <u>CONCENTRATION (%)</u> |
|--------------------------|----------------|-------------------|--------------------------|
| Limestone | | 1317-65-3 | 80-90 |
| Potassium chloride | Potash | 7447-40-7 | 10-20 |

SECTION 4: FIRST AID MEASURES

| | |
|--------------------|--|
| IF INHALED: | Move victim to fresh air. Seek medical attention if irritation persists. |
| 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 at least 20 minutes. Seek medical attention if irritation persists. |
| IF SWALLOWED: | If victim is alert and not convulsing, give one glass of water to dilute material, but DO NOT induce vomiting. Seek immediate medical attention. |
| SPECIAL TREATMENT: | None known |
| HEALTH HAZARDS: | See Section 11 |

SECTION 5: FIREFIGHTING MEASURES

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|----------------------------------|---|
| EXTINGUISHING MEDIA: | Use media suitable for surrounding fire. No special media required. |
| SPECIFIC FIRE HAZARDS: | Decomposition products may be toxic. Sulfur will burn when separated from molten urea. |
| SPECIAL FIREFIGHTING PROCEDURES: | Wear full protective clothing and positive-pressure self-contained breathing apparatus. |

SECTION 6: ACCIDENTAL RELEASE MEASURES

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| SPILL / RELEASE PROCEDURES: | Collect spilled product and store to re-use. Contaminated product and/or environmental media should be recovered and disposed of properly. |
| ENVIRONMENTAL PRECAUTIONS: | Prevent spilled material from entering storm drains or water bodies. |
| PROTECTIVE EQUIPMENT: | See Section 8 |

SECTION 7: HANDLING AND STORAGE

Store in a cool, dry, well ventilated area. Do not store above 120° F.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTIONEXPOSURE LIMITS:

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

| <u>HAZARDOUS COMPONENT</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> |
|----------------------------|--|--|
| Limestone | 15 mg/m ³ (total) 5 mg/m ³ (respirable) | 10 mg/m ³ (inhalable) 3 mg/m ³ (respirable) |
| Potassium chloride | 15 mg/m ³ (total) 5 mg/m ³ (respirable) | 10 mg/m ³ (inhalable) 3 mg/m ³ (respirable) |

PERSONAL PROTECTIVE EQUIPMENT / PROTECTION MEASURES / CONTROLS:

| | |
|-------------------------|---|
| RESPIRATORY PROTECTION: | NIOSH approved pesticide respirator, if required |
| EYE PROTECTION: | Safety glasses with sideshields, goggles, or faceshield recommended |
| SKIN PROTECTION: | Long sleeves, chemical-resistant (rubber) recommended |
| VENTILATION: | Local exhaust ventilation recommended |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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|------------------------|--|
| APPEARANCE AND ODOR: | Multi-colored granular mix, with no appreciable odor |
| pH: | Not available |
| MELTING POINT: | Not available |
| BOILING POINT: | Not applicable |
| FLASH POINT: | Not flammable |
| EVAPORATION RATE: | Not applicable |
| FLAMMABLE LIMITS: | Not applicable |
| VAPOR PRESSURE: | Not applicable |
| VAPOR DENSITY: | Not applicable |
| SPECIFIC GRAVITY: | Not available |
| SOLUBILITY (IN WATER): | Partially soluble |
| PARTITION COEFFICIENT: | Not applicable |
| 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: | Excessive heat (greater than 200°F) |
| INCOMPATIBILITY: | Strong acids |
| HAZARDOUS DECOMPOSITION PRODUCTS: | CO _x |

SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS: May be irritating to the nose, throat, and respiratory tract. Skin irritation may result. May also be irritating to the eyes.

CARCINOGENICITY: None of the ingredients are known / listed carcinogens. However, the product may contain trace amounts of crystalline silica, which is listed by IARC as a potential human carcinogen.

INGREDIENT TOXICITY RANGES:

ORAL: 2,600 mg/kg (potassium chloride) - > 5,000 mg/kg (prodiamine)

DERMAL: > 2,000 mg/kg (prodiamine)

INHALATION: > 1.8 mg/L (4 hr) (prodiamine)

SECTION 12: ECOLOGICAL INFORMATION

This product is not known to be ecotoxic, persistent, or have the potential to bioaccumulate.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with all national, regional / state, and local regulations. Reuse recovered product where possible.

SECTION 14: TRANSPORT INFORMATION

This product is not regulated as a transportation hazard.

SECTION 15: REGULATORY INFORMATION

SARA SECTION 311 / 312 HAZARD CATEGORY: ACUTE HAZARD

SECTION 16: OTHER INFORMATION

| | | |
|----------------------|---------------------|---|
| NFPA RATINGS: | HEALTH | 1 |
| | FLAMMABILITY | 0 |
| | INSTABILITY | 0 |

| | | |
|----------------------|------------------------|---|
| HMIS RATINGS: | HEALTH | 1 |
| | FLAMMABILITY | 0 |
| | PHYSICAL HAZARD | 0 |

ACTIVE INGREDIENT LEVEL (%): 0.426 as prodiamine

SDS ID NO: 5025L

PREPARED BY: TS

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