



**THE ANDERSONS
SAFETY DATA SHEET**

DATE PREPARED: 10/25/19

CURRENT AS OF: 5/23/22

SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION

PRODUCT CODE: 10005643

PRODUCT NAME: THE ANDERSONS TURF PRODUCTS FERTILIZER 45-0-0

PRODUCT USE: Fertilizer

MFR INFO: The Andersons, Inc.
PO Box 119
Maumee, OH 43537

FOR EMERGENCY: (800) 757-8951

FOR INFORMATION: (419) 893-5050

SECTION 2: HAZARDS IDENTIFICATION

HAZARD SYMBOLS / STATEMENTS: This material is not considered hazardous

HAZARD CLASSIFICATIONS:

NOT CLASSIFIED

CATEGORY

INTERPRETATION

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

| <u>CHEMICAL IDENTITY</u> | <u>SYNONYM</u> | <u>CAS NUMBER</u> | <u>CONCENTRATION (%)</u> |
|--------------------------|----------------|-------------------|--------------------------|
| Urea | Carbamide | 57-13-6 | 95-100 |

SECTION 4: FIRST AID MEASURES

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| IF INHALED: | Move to fresh air and keep comfortable, call POISON CENTER or doctor if unwell. |
| 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 15-20 minutes, remove contact lenses if present and easy to do – continue rinsing. Seek medical attention if irritation persists. |
| IF SWALLOWED: | Rinse mouth. DO NOT INDUCE VOMITING unless directed by a medical professional. Seek medical attention if unwell. |
| 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: | When heated to decomposition, this product will emit toxic oxides and ammonia. |
| SPECIAL FIREFIGHTING PROCEDURES: | Wear full protective clothing and positive-pressure self-contained breathing apparatus (SCBA). |

SECTION 6: ACCIDENTAL RELEASE MEASURES

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| SPILL / RELEASE PROCEDURES: | Contain material and place in containers for use as intended, or discard according to Federal, State and Local regulations. |
| ENVIRONMENTAL PRECAUTIONS: | Prevent spilled material from entering storm drains or water bodies. |
| PROTECTIVE EQUIPMENT: | Wear PPE according to Section 8 |

SECTION 7: HANDLING AND STORAGE

wash hands after handling material. Do not eat, drink or smoke while handling the material. Do not get in eyes, on skin or clothing. Avoid breathing dusts. Not intended for human consumption. Store in a cool, dry, well ventilated area away from incompatible materials.

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> |
|----------------------------|-----------------|------------------|
| Urea | Not available | Not available |

PERSONAL PROTECTIVE EQUIPMENT / PROTECTION MEASURES / CONTROLS:

| | |
|-------------------------|---|
| RESPIRATORY PROTECTION: | NIOSH approved respirator, if required |
| EYE PROTECTION: | Safety glasses with sideshields, goggles, or faceshield |
| SKIN PROTECTION: | Appropriate for the task. Impervious and compatible with material |
| VENTILATION: | Use with adequate ventilation |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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|------------------------|---|
| APPEARANCE AND ODOR: | Multi-colored granular mix with slight ammonia odor |
| pH: | Not available |
| MELTING POINT: | Not applicable |
| BOILING POINT: | Not available |
| FLASH POINT: | Not flammable |
| EVAPORATION RATE: | Not available |
| FLAMMABLE LIMITS: | Not applicable |
| VAPOR PRESSURE: | Not available |
| VAPOR DENSITY: | Not available |
| SPECIFIC GRAVITY: | ~0.753 |
| SOLUBILITY (IN WATER): | Soluble |
| PARTITION COEFFICIENT: | Not available |
| AUTOIGNITION TEMP: | Not available |
| DECOMPOSITION TEMP: | Not available |
| ODOR THRESHOLD: | Not available |
| VISCOSITY: | Not available |

SECTION 10: STABILITY AND REACTIVITY

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| STABILITY: | Product is stable. |
| CONDITIONS TO AVOID: | Excessive heat (> 270°F), incompatible materials |
| INCOMPATIBILITY: | Strong oxidizers, alkalis, hypochlorites, aldehydes, inorganic acids and copper |
| HAZARDOUS DECOMPOSITION PRODUCTS: | Toxic oxides, cyanuric acid, ammonia |

SECTION 11: TOXICOLOGICAL INFORMATION

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| HEALTH EFFECTS: | Not considered hazardous. |
| CARCINOGENICITY: | None of the ingredients are known / listed carcinogens. |
| <u>INGREDIENT TOXICITY RANGES:</u> | |

ORAL: >14,300 mg/kg (urea)

SECTION 12: ECOLOGICAL INFORMATION

Long term degradation products may arise. Products of degradation are not expected to be hazardous.

SECTION 13: DISPOSAL CONSIDERATIONS

Use product for intended purpose where possible. Dispose of in accordance with all national, regional / state, and local regulations.

SECTION 14: TRANSPORT INFORMATION

This product is not regulated as a transportation hazard.

SECTION 15: REGULATORY INFORMATION

This material is not currently regulated under SARA, CERCLA or specific state requirements.

SECTION 16: OTHER INFORMATION

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

| | | |
|---------------|--------------|---|
| HMIS RATINGS: | HEALTH | 0 |
| | FLAMMABILITY | 0 |
| | INSTABILITY | 0 |

PREPARED BY: DBA EHS Consulting

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