THE ANDERSONS
MATERIAL SAFETY DATA SHEET

PRODUCT CODE: AGC8737.1

DATE PREPARED: 10/17/01

SECTION I: PRODUCT IDENTITY

PRODUCT NAME: The Andersons 14-0-28 High K Fertilizer Plus Turf Enhancer

MFR INFO: The Andersons Lawn Products
P.O. Box 119
Maumee, Ohio 43537

FOR EMERGENCY: (800) 757-8951
FOR INFORMATION: (419) 891-2957

CURRENT AS OF: 10/21/03

SECTION II: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENT	OSHA PEL	ACGIH TLV
Urea (CAS # 57-13-6)	15 mg/m^3 (total) 5 mg/m^3 (respirable)	10 mg/m^3
Limestone (CAS # 1317-65-3)	15 mg/m^3 (total) 5 mg/m^3 (respirable)	10 mg/m^3
Sulfate of Potash (CAS # 7778-80-5)	15 mg/m^3 (total) 5 mg/m^3 (respirable)	10 mg/m^3
Nutralene (CAS # Not listed)	15 mg/m^3 (total) 5 mg/m^3 (respirable)	10 mg/m^3
Paclobutrazol (CAS # 76738-62-0)	15 mg/m^3 (total) 5 mg/m^3 (respirable)	10 mg/m^3

SECTION III: PHYSICAL DATA

BOILING POINT:	NA	EVAPORATION RATE:	NA	pH:	NA
VAPOR DENSITY:	NA	VAPOR PRESSURE:	NA		
MELTING POINT:	NA	SPECIFIC GRAVITY:	NA		

SOLUBILITY (IN WATER): Partially soluble

APPEARANCE AND ODOR: Multi-colored granular mix, with slight odor

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not flammable FLAMMABLE LIMITS: NA

EXTINGUISHING MEDIA: Use media suitable for surrounding fire

SPECIAL FIRE FIGHTING PROCEDURES:
Wear full protective clothing and positive-pressure self-contained breathing apparatus

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Decomposition products may be toxic

SECTION V: REACTIVITY DATA

CONDITIONS TO AVOID: Excessive heat (greater than 200°F)

INCOMPATIBILITY: Strong oxidizers, alkalis, acids, hypochlorites

HAZARDOUS DECOMPOSITION PRODUCTS: HCN, NO_x, CO_x, NH_3, SO_x, cyanuric acid

Product is stable and hazardous polymerization will not occur.

SECTION VI: PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH approved pesticide respirator, if required

EYE PROTECTION: Safety glasses with sideshields, goggles, or faceshield are recommended

SKIN PROTECTION: Long sleeves, chemical-resistant gloves recommended

VENTILATION: Local exhaust ventilation recommended; applicators should stand upwind while applying

SECTION VII: HEALTH HAZARD DATA

HEALTH HAZARDS: May be irritating to the nose, throat, and respiratory tract, and may cause sore throat, coughing, and shortness of breath. Skin irritation may result. Skin sensitization is possible. May also be irritating to the eyes and cause a burning sensation in the eyes. Ingestion may result in sore throat, abdominal pain, nausea, vomiting, and diarrhea. The active ingredient can cause central nervous system depression after significant inhalation exposures.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing eye, skin, or respiratory conditions

FIRST AID PROCEDURES:

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.

IF INHALED: Move victim to fresh air. Seek medical attention if irritation persists.

IF IN THE EYES: Immediately flush with water for at least 20 minutes. 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.

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

SECTION VIII: PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL/RELEASE PROCEDURES: Collect spilled product and store to re-use. Contaminated product and/or environmental media should be recovered and disposed of properly.

WASTE DISPOSAL METHOD: Dispose of in accordance with all federal, state, and local regulations. Reuse recovered product where possible.

HANDLING/STORING PRECAUTIONS: Store in a cool, dry, well ventilated area. Do not store above 120° F. Do not store near ammonium nitrate.

SECTION IX: ADDITIONAL INFORMATION

ACTIVE INGREDIENT LEVEL (%): 0.13

SARA INFORMATION:

SECTION 302: Not an "extremely hazardous substance"

SECTION 313: Not listed

CERCLA RQ: Not listed

RCRA LISTING: Not listed

MSDS ID NO: 5068

PREPARED BY: SS

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