

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: GREENYARD PROFESSIONAL FERTILIZER 20-15-5 50% XCU KCL

SECTION I

MANUFACTURER'S NAME: GROWMARK FS, LLC. 3150 STONEY POINT RD EAST BERLIN, PA 17316 (717)-259-9573	EMERGENCY TELEPHONE NUMBER CALL DAY OR NIGHT 1-800-424-9300 TELEPHONE NUMBER FOR INFORMATION: (888)-222-4405
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SECTION II CHEMICAL INGREDIENTS / IDENTITY INFORMATION

<u>CHEMICAL COMPONENTS</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS</u>	<u>CAS #</u>	<u>%</u>
Urea	5mg/M3	10mg/M3		57-13-6	
Potassium Chloride		10mg/M ³		7447-40-7	
Diammoniated Phosphate (DAP)	15mg/M ³	10mg/M ³		7783-28-0	
Limestone					
Polymer Coated Sulfur Coated Urea (XCU)		10mg/M ³		57-13-6	

SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT	NA	SPECIFIC GRAVITY	>1
VAPOR PRESSURE	NA	MELTING POINT	132.7 ⁰ C
VAPOR DENSITY	NA	EVAPORATION RATE	NA
SOLUBILITY IN WATER	Soluble	APPEARANCE AND ODOR	Granular & mixed color

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): NA

EXTINGUISHING MEDIA: FOAM & WATER

SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing and self-contained breathing apparatus, to protect against the decomposition products of Urea and Sulfur Coated Urea which can be toxic.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Avoid breathing vapors or dust.

SECTION V REACTIVITY DATA

STABLE	X	CONDITIONS TO AVOID	Decomposes when heated above melting point
UNSTABLE		CONDITIONS TO AVOID	

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid Contact with Strong Acids, Mildly Corrosive to Metals in Presence of Moisture

HAZARDOUS DECOMPOSITION OR BY PRODUCTS: NDA

HAZARDOUS POLYMERIZATION:

MAY OCCUR		CONDITIONS TO AVOID	
WILL NOT OCCUR	X	CONDITIONS TO AVOID	N A

SECTION VI HEALTH HAZARD DATA

ROUTES OF ENTRY: Inhalation, Eyes, Skin, and Ingestion

HEALTH HAZARDS:

SIGNS AND SYMPTOMS OF EXPOSURE: EYES: Dust and vapors can cause irritation and pain. SKIN: Can cause irritation.

INHALATION: Dust can cause sore throat, coughing, and shortness of breath. INGESTION: Can cause sore throat and abdominal pain.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NDA

EMERGENCY AND FIRST AID PROCEDURES: EYES & INGESTION: Flush immediately with plenty of water, seek medical

