MATERIAL SAFETY DATA SHEET

PRODUCT NAME:	GREENYARD PROFESSIONAL FERTILIZER 21-0-0 AMMSULF

SECTION I

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

SECTION II CHEMICAL INGREDIENTS / IDENTITY INFORMATION

CHEMICAL COMPONENTS	OSHA PEL	ACGIH TLV	OTHER LIMITS	CAS #	%
Ammonium Sulfate					

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

attention if necessary. SKIN: Remove contaminated clothing immediately and flush contaminated area with water. INHALATION: Move to fresh air and rest. Seek medical attention if necessary.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up and reuse as product.

WASTE DISPOSAL METHOD: Sanitary Landfill. Dispose in compliance with local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in dry location, remote from acids.

OTHER PRECAUTIONS:

SECTION VIII CONTROL MEASURES / PROCESS AREAS

RESPIRATORY PROTECTION (SPECIFY TYPE):

VENTILATION	LOCAL EXHAUST	as necessary to maintain low dust levels
	MECHANICAL	N A
	SPECIAL	dust mask or respirator in dusty situations

PROTECTIVE GLOVES: Gloves recommended EYE PROTECTION: None required

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Optional

WORK / HYGIENIC PRACTICES: Normally accepted practices.

SECTION IX REGULATORY COMPLIANCE

THE FOLLOWING INFORMATION MAY BE USEFUL IN COMPLYING WITH VARIOUS STATE AND FEDERAL LAWS AND REGULATIONS UNDER VARIOUS ENVIRONMENTAL STATUTES:

REPORTABLE QUANTITY (RQ), EPA REGULATION 40 CFR 302 (CERLA Section 102):

CHEMICAL NAMES	CAS#	RQ
		NA

THRESHOLD PLANNING QUANTITY (TPQ), EPA REGULATION 40 CFR 355 (SARA Sections 301-304):

CHEMICAL NAME:	CAS#:	TPQ:

TOXIC CHEMICAL RELEASE REPORTING, EPA REGULATION 40 CFR 372 (SARA Section 313):

CHEMICAL NAME:	CAS #:	% BY WEIGHT IN PRODUCT

HAZARDOUS CHEMICAL REPORTING, EPA REGULATION 40 CFR 370 (SARA Sections 311-312):

CHEMICAL NAME:	CAS#:

EPA HAZARD CLASSIFICATION CODE:					
ACUTE HAZARD	CHRONIC HAZARD	FIRE HAZARD	PRESSURE HAZARD	REACTIVE HAZARD	NOT APPLICABLE
					X

HAZARD RATING: NFPA			
__0__FIRE	__0__TOXICITY	__0__REACTIVITY	__U__CORROSIVENESS

HAZARD RATING CODE	0 None	1 Slight	2 Moderate	3 High	U Unknown

SECTION X TRANSPORTATION INFORMATION

For further information relative to spills resulting from transportation incidents, refer to latest Department of Transportation Emergency Response Guidebook for Hazardous Material Incidents. DOT P 5800.5

DOT IDENTIFICATION: RQ:

OSHA REQUIRED LABEL INFORMATION:
In compliance with hazard and right-to-know requirements, the following OSHA Hazard Warnings should be found on a label, bill of lading or invoice accompanying this shipment. NA

NOTE: Product label will contain additional non-OSHA related information.

DATE: January 3, 2013 SUPERSEDES: ALL PREVIOUS

The information herein was given in good faith but no warranty, expressed or implied was made. Consult for further information.

NA = NOT APPLICABLE NDA = NO DATA AVAILABLE