GRIFFIN FERTILIZER COMPANY SAFETY DATA SHEET

DATE PREPARED: 12/06/17

CURRENT AS OF: 1/9/18

SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION

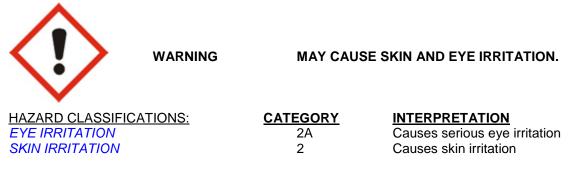
PRODUCT CODE:

- PRODUCT NAME: Griffin Green
- PRODUCT USE: Fertilizer
- MFR INFO: Griffin Fertilizer Company 3201 South Scenic Hwy. Frostproof, FL 33843

FOR EMERGENCY:	(800) 424-9300
FOR INFORMATION:	(863) 635-2281

SECTION 2: HAZARDS IDENTIFICATION

HAZARD SYMBOLS / STATEMENTS:



PRECAUTIONARY STATEMENTS:

WEAR PROTECTIVE GLOVES AND CLOTHING

- REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE
- AVOID BREATHING VAPORS/MISTS
- USE ONLY OUTDOORS OR IN WELL-VENTILATED AREA
- CALL POISON CONTROL OR SEEK MEDICAL ATTENTION IF YOU FEEL UNWELL
- WASH THOROUGHLY AFTER HANDLING
- DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT
- IF SWALLOWED: RINSE MOUTH AND SEEK MEDICAL ATTENTION
- IF IN EYES OR ON SKIN: RINSE AREA WITH PLENTY OF WATER, REMOVE CONTACT LENSES
- IF EYE OR SKIN IRRITATION CONTINUES: SEEK MEDICAL ATTENTION

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY	<u>SYNONYM</u>	CAS NUMBER	CONCENTRATION (%)
Ammonium Polyphosphate		68333-79-9	00-10
Phosphonic Acid	Phosphorane	10294-56-1	00-10
Dipotassium Phosphate		7758-11-4	40-50

GRIFFIN GREEN				
Potassium Hydroxide	Causti	c Potash	1310-58-3	00-10
Ureas	Mixed	ureas	Mixture	00-10
Iron Sulfate			7720-78-7	00-10
SECTION 4: FIRST AID ME	ASURES			
IF INHALED:	Move to fresh air and keep comfortable, seek medical attention 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, seek medical attention if irritation persists.			
IF SWALLOWED:	Rinse mouth. DO NOT INDUCE VOMITTING unless directed by a medical professional. Seek medical attention if unwell.			
SPECIAL TREATMENT:	None known			
HEALTH HAZARDS:	See Section 11			
SECTION 5: FIREFIGHTING	MEASURES			
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:			tective clothing and pos eathing apparatus (SCB	
SECTION 6: ACCIDENTAL RELEASE MEASURES				
SPILL / RELEASE PROCEDURES: Contain material and place in containers for use as intended, or disc according to Federal, State and Local regulations.				
ENVIRONMENTAL PRECAUTIONS: Prevent spilled material from entering storm drains or water bodies material enters a waterway, notify the appropriate authorities.				
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. Avoid breathing vapors/mists. Not intended for human consumption. Store in a cool, dry, well-ventilated area away from incompatible materials.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE 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.

HAZARDOUS COMPONENT

OSHA PEL

ACGIH TLV

GRIFFIN GREEN

Manganese Compounds	5mg/m ³	0.2mg/m ³
PERSONAL PROTECTIVE EQUIPMEN	T / PROTECTION MEASURES	CONTROLS:
RESPIRATORY PROTECTION:	NIOSH approved respirator, if re	equired
EYE PROTECTION:	Safety glasses with sideshields,	goggles, or faceshield
SKIN PROTECTION:	Appropriate for the task. Imperv	ious and compatible with material,
VENTILATION:	Use with adequate ventilation	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Solution
pH:	Not Applicable
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:	~1.295
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

STABILITY: Product is stable.

CONDITIONS TO AVOID: Heat.

INCOMPATIBILITY: Strong acids, bases, oxidizers, soft metals and alloys.

HAZARDOUS DECOMPOSITION PRODUCTS: Toxic oxides and ammonia.

SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS: May cause skin and eye irritation.

CARCINOGENICITY: None of the ingredients are known / listed carcinogens.

INGREDIENT TOXICITY RANGES:

ORAL: > 3,200 mg/kg (potassium dihydrogen phosphate) – 14,300 mg/kg (urea)

SECTION 12: ECOLOGICAL INFORMATION

Long-term degradation products may arise. Products of degradation are not expected to be hazardous. Excessive nutrients in waterways may cause algal blooms that may be detrimental to aquatic life.

SECTION 13: DISPOSAL CONSIDERATIONS

GRIFFIN GREEN

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: REC	SULATORY INFORMAT	ION	
SARA 311/312:			ACUTE, CHRONIC
SARA 313:			Zinc Compounds Manganese Compounds Copper Compounds
REPORTABLE QUA	NTITY:		Zinc Compounds (No RQ) Manganese Compounds (No RQ) Copper Compounds (No RQ)
RIGHT-TO-KNOW:			Zinc Compounds (CA, IL, MA, NJ, PA) Manganese Compounds (CA, MA, MN, NJ, PA) Copper Compounds (CA, MA, MN, NJ, PA, RI)
SECTION 16: OTH	IER INFORMATION		
NFPA RATINGS:	HEALTH FLAMMABILITY INSTABILITY	1 0 0	
HMIS RATINGS:	HEALTH	1	

HMIS RATINGS: HEALTH FLAMMABILITY INSTABILITY SDS NO: XYZ

PREPARED BY: EHS Consulting

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