

## MATERIAL SAFETY DATA SHEET

|                      |   |
|----------------------|---|
| <b>PRODUCT NAME:</b> | GreenYard Professional Fertilizer 0-0-7 ALL MINERAL KCL .125% DIMENSION |
|----------------------|---|

### SECTION I

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

### SECTION II CHEMICAL INGREDIENTS / IDENTITY INFORMATION

| CHEMICAL COMPONENTS | OSHA PEL            | ACGIH TLV           | OTHER LIMITS | CAS #      | %    |
|---------------------|---------------------|---------------------|--------------|------------|------|
| Muriate of Potash   | 15mg/M <sup>3</sup> | 10mg/M <sup>3</sup> |              |            |      |
| Limestone           | 10mg/M <sup>3</sup> | 5mg/M <sup>3</sup>  |              | 1317-65-3  |      |
| Clay                | 5mg/M <sup>3</sup>  | 10mg/M <sup>3</sup> |              | 8031-18-3  |      |
|                     |                     |                     |              |            |      |
|                     |                     |                     |              |            |      |
|                     |                     |                     |              |            |      |
|                     |                     |                     |              |            |      |
| Dithiopyr           |                     |                     |              | 97886-45-8 | .125 |
|                     |                     |                     |              |            |      |

### SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS

|                     |         |                     |                        |
|---------------------|---------|---------------------|------------------------|
| BOILING POINT       | NA      | SPECIFIC GRAVITY    | >1                     |
| VAPOR PRESSURE      | NA      | MELTING POINT       | 132.7 <sup>0</sup> 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 |
|-------------------------------------|------|----|
| Max Lawn 22-0-8 Crabgrass Preventer |      | 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

|                          |                              |                                |                                   |
|--------------------------|------------------------------|--------------------------------|-----------------------------------|
| <u>  </u> <u>  </u> FIRE | <u>  </u> <u>  </u> TOXICITY | <u>  </u> <u>  </u> REACTIVITY | <u>  </u> <u>  </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: February 15, 2010

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