# Material Safety Data Sheet

## Ultraplex™

## SECTION 1

### COMPANY IDENTIFICATION

Manufactured for Turfgrass Management, Inc. D.B.A., Grigg Brothers, PO BOX 128, Albion, Idaho, 83311
08:00–17:00 MST, Mon-Fri: **1.800.246.8873**
EMERGENCY NUMBER: After hours, holiday's, and all other non business hours; call poison control 1.800.222.1222

### PRODUCT IDENTIFICATION

GRIGG BROTHERS ID#: **255**
COMMON NAME: Ultraplex™
CHEMICAL DESCRIPTION: Nitrogen, Potassium phosphate and compounds listed below.
CHEMICAL ACTIVITY: N 5%, K 3%, S 0.4%, Fe 2%, Mn 0.4%, Zn 0.4%

## SECTION 2
HAZARDOUS INGREDIENTS/ IDENTITY INFORMATION

INGREDIENTS / HAZARDOUS COMPONENTS: (Specific Chemical Identity; OSHA PEL ACGIH TLV C.A.S. NO. SARA Common Name) (Mg/M3) (Mg/M3) %
Urea # **57136**
Potassium Nitrate # **7757791**

## SECTION 3
PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: **> $H_2O$**
SPECIFIC GRAVITY: (H2O=1) **1.26**
VAPOR PRESSURE: (MM HG) **N/A**
VAPOR DENSITY: (AIR=1) **N/A**
MELTING POINT: **N/A**
EVAPORATION RATE: **< $H_2O$**
pH:**2.5**
(BUTYL ACETATE=1) **N/A**
APPEARANCE AND ODOR:
**Dark Brown, slight odor**

## SECTION 4
FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD): FLAMMABLE
LIMITS: LEL N/A UEL **N/A**
EXTINGUISHING MEDIA: **Water**
SPECIAL FIREFIGHTING PROCEDURES: **N/A**
UNUSUAL FIRE & EXPLOSION HAZARDS: **N/A**

## SECTION 5
REACTIVITY DATA

STABILITY: **Stable**
CONDITIONS TO AVOID: **N/A**
INCOMPATIBILITY (MATERIALS TO AVOID): **N/A**
HAZARD DECOMPOSITION OR BY-PRODUCTS: **N/A**
HAZARD POLYMERIZATION: **May Not Occur**
CONDITIONS TO AVOID: **N/A**

## SECTION 6
HEALTH HAZARD DATA

PRODUCT: Ultraplex™
TOXICITY: None Found
ROUTES (S) OF ENTRY: [Skin] [Ingestion]
CARCINOGENICITY: NTP: No
IARC Mongraphs: No
OSHA Regulated: No
HEALTH HAZARDS (ACUTE & CHRONIC) / SIGNS & SYMPTOMS OF EXPOSURE: This product may cause eye and skin irritation (See Emergency and First Aid Procedures).
EMERGENCY AND FIRST AID PROCEDURES:
**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes. Call a Physician.
**Skin:** Wash contaminated areas with plenty of water for 15 minutes. Remove contaminated clothing and footwear and wash clothing before reuse. If skin Irritation continues consult a physician.
**Ingestion:** Do not give anything by mouth to an unconscious person. If swallowed do not induce vomiting, give one or two glasses of milk or water. Contact physician immediately.

## SECTION 7
PRECAUTION FOR SAFE HANDLING AND USE

FOR SAFE HANDLING AND USE
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb liquid spills with a dry absorbent, containerize usable material for disposal in an approved waste facility.
WASTE DISPOSAL METHOD: Dispose in closed containers, at an approved landfill, in accordance with local, state and federal regulations. Material may also be flushed with water to a wastewater treatment system.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in enclosed containers.
OTHER PRECAUTIONS: Avoid ingestion, contact with eyes, skin and clothing.

## SECTION 8
CONTROL MEASURES

RESPIRATORY PROTECTION: NIOSH/MSHA approved for mists. Use with adequate ventilation and employ respiratory protection when exposure to mist and spray is possible.
VENTILATION: N/A (Have adequate ventilation)
PROTECTIVE GLOVES: Impervious gloves.
EYE PROTECTION: Side shield safety glasses or goggles.
OTHER PROTECTIVE CLOTHING AND EQUIPMENT: Protective clothing to minimize skin contact should be worn. Wear chemically resistant safety shoes. Wash contaminated clothing with soap and water and dry before reuse. Safety showers and eye wash facilities should be provided in all areas in which this product is handled.
WORK/HYGIENIC PRACTICES: Good housekeeping procedures should be followed to minimize exposure.

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