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**REACTIVITY DATA**

**Chemical Stability:** STABLE WHEN DRY

**Incompatibility:** STRONG ACIDS, STRONG ALKALIES, OXIDIZERS, ORGANICS

**Conditions of Reactivity:** WET CONDITIONS OR WHEN HEATED

**Hazardous Decomposition Products:** AMMONIA, NITRATES, NITRITES

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**TOXICOLOGICAL PROPERTIES****Route of Entry:****Effects of Acute or Chronic Exposure:**

**SKIN CONTACT** – IRRITATION COULD OCCUR WITH PROLONGED EXPOSURE TO DRY FERTILIZER OR FERTILIZER SOLUTION. CONTACT WITH HEATED MATERIAL MAY CAUSE THERMAL BURNS.

**SKIN ABSORPTION** – NOT KNOWN TO BE ABSORBED THROUGH THE SKIN.

**EYE CONTACT** – IRRITATION COULD OCCUR IF FERTILIZER SOLUTION IS SPLASHED IN EYES OR DRY PRODUCT CONTACTED. HEATED MATERIAL MAY CAUSE THERMAL BURNS.

**INHALATION** – VERY LOW VAPOUR ACTIVITY. IF HEATED COULD RELEASE AMMONIA GAS. CAN CAUSE RESPIRATORY TRACT IRRITATION.

**INGESTION** – EXCESSIVE INGESTION MUST OCCUR BEFORE ANY HEALTH HAZARD RESULTS. EFFECTS OF OVEREXPOSURE MAY INCLUDE NAUSEA, VOMITING, DIARRHEA, WEAKNESS OR CONVULSIONS.

**Exposure Limits:**

ND

**Synergistic Products:**

ND

**Sensitization / Irritancy:**

UREA CAN CAUSE ALLERGIC REACTIONS IN SOME INDIVIDUALS

**Carcinogenicity / Teratogenicity / Mutagenicity / Reproductive Effects:**NONE KNOWN

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**PREVENTIVE MEASURES:****Personal Protective Equipment:**

**RESPIRATORY** – DUST MASK IF CONDITIONS WARRANT.

**EYES** – WEAR SAFETY GLASSES TO AVOID EYE CONTACT. DO NOT WEAR CONTACT LENSES.

**GLOVES** – WEAR IMPERMEABLE GLOVES TO AVOID SKIN CONTACT.

**Engineering Controls:**

VENTILATE TO CONTROL DUST.

**Leak or Spill Procedure:**

CONTAIN THE SPILL. SWEEP UP SPILLED MATERIAL AND USE OR DISPOSE OF IN APPROVED MANNER. PREVENT ENTRY INTO WATERWAYS.

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**PREVENTIVE MEASURES (continued)**

**Disposal:**

DISPOSE OF IN NON CROP AREAS AWAY FROM WATERWAYS, IN ACCORDANCE WITH FEDERAL, PROVINCIAL AND LOCAL REGULATIONS.

**Handling Procedures and Equipment:**

AVOID DIRECT AND PROLONGED CONTACT WITH SKIN.

**Storage Requirements:**

KEEP OUT OF REACH OF CHILDREN. STORE IN A COOL, DRY PLACE.

**Shipping Information:**

NOT REGULATED BY TDG

**FIRST AID MEASURES:**

**SKIN** – WASH WITH SOAP AND WATER. THERMAL BURNS REQUIRE IMMEDIATE MEDICAL ATTENTION. FLUSH AFFECTED AREAS WITH LARGE AMOUNT OF COLD WATER.

**EYES** – FLUSH IMMEDIATELY WITH LARGE AMOUNT OF WATER FOR AT LEAST 15 MINUTES OR UNTIL IRRITATION SUBSIDES. IF IRRITATION PERSISTS, SEEK MEDICAL ADVICE.

**INHALATION** – IF AMMONIA GAS IS INHALED FROM HEATED FERTILIZER AND BREATHING HAS STOPPED BEGIN ARTIFICIAL RESPIRATION. IF BREATHING IS LABOURED GIVE OXYGEN. SEEK MEDICAL ATTENTION.

**INGESTION** – FOR LARGE AMOUNTS SEEK MEDICAL ATTENTION IMMEDIATELY.

**ADDITIONAL INFORMATION**

**PREPARATION INFORMATION**

**Department:**

**Phone Number:**

**Date:**

TECHNICAL

(905) 793-7000

SEPTEMBER 2004

NA - Not Applicable

ND - Not Determined