



**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, HYDROGEN CYANIDE, CARBON MONOXIDE

**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

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

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

**INHALATION** - DUST MASK IF CONDITIONS WARRANT.

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

**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.

**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 WATER FOR 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.

**PREPARATION INFORMATION**

**Department:**

**Phone Number:**

**Date:**

TECHNICAL

(905) 793-7000

JANUARY 2012

**NA** - Not Applicable

**ND** - Not Determined