



MATERIAL SAFETY DATA SHEET

PRODUCT: Nu-Spec™ (15-03-10) homogenous

CODE: 5141461

SECTION 1 - PRODUCT INFORMATION

P.C.P. Act Registration No.: none
Chemical Name: Ammonium Sulphate based fertilizer
Synonyms: homogenous ammonium sulphate based.
Chemical Family: Ammonium Sulphate
Product Use: Fertilizer
TDG Classification: Not Regulated.
Emergency # 1-905-572-5678 (CAN)
Non Emergency # 1-888-370-1874 (USA)

SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENTS	WEIGHT %	CAS REG #	LD 50 (mg/Kg)	T.W.A. - T.L.V.
Ammonium Sulphate	-	7783-20-2	3000 mg/kg (oral-rat)	NA

SECTION 3 - PHYSICAL DATA

Physical State: Solid
Specific Gravity: Not Determined
Boiling Point: Not Determined
% Volatiles: Not Determined
Solubility in Water: Moderate

Appearance\Odour: no odour
pH: Not Determined
Freezing/Melting Point: Not Determined
Vapour Density: Not Determined
Evaporation Rate: Not Determined

SECTION 4 - FIRE AND EXPLOSION

Flash Point: Not Applicable
Lower Explosion Limit %: Not Determined
Fire Extinguishing Media: Water fog, CO2, dry chemical.

Autoignition Temperature: Not Determined
Upper Explosion Limit %: Not Determined

Fire Fighting Procedures: Do not breath fumes. Firefighters should wear NIOSH approved positive pressure, self contained breathing apparatus. Prevent runoff from entering drains, sewers or any body of water. Fertilizer will become slippery when wet; guard against falls. Remove product from area of fire at first opportunity.
Other Fire or Explosion Hazards: Do not breath fumes. If heated do decomposition, product will give off fumes of ammonia or formaldehyde. Fine dust dispersion in air may form an explosive mixture.

SECTION 5 - REACTIVITY DATA

Stability: Stable.
Conditions to Avoid: Excessive heat above 50°C.

Hazardous Polymerization: Will not occur.

Incompatibility (Materials to Avoid): Alkalis, Nitrites. A violent reaction with Potassium Chlorate, Potassium Nitrate, Ammonium Nitrate.

Hazardous Decomposition Products: If heated to decomposition, will give off toxic fumes of ammonia, sulphur trioxide.

SECTION 6 - HEALTH HAZARD DATA

Acute Effects of Overexposure: May be a mild skin irritant. Ingestion may cause gastrointestinal tract disorders, nausea, diarrhea, or vomiting. Inhalation may irritate the respiratory tract.

Effects of Chronic Exposure: None Known.

Medical Conditions Aggravated by Exposure: Possible skin irritation for sensitive individuals. Asthmatics exposed to excessive dust may have difficulty breathing.

SECTION 7 - FIRST AID PROCEDURES

Inhalation: Remove to fresh air.

Skin Contact: wash affected area promptly with soap and water. If irritation develops contact a physician.

Ingestion: If patient is conscious, give 2 to 4 glasses of water to drink and induce vomiting by touching back of throat with finger. Consult a physician. Do not attempt to induce vomiting or give anything by mouth to an unconscious person.

Eye Contact: Flush promptly with plenty of water for at least 15 minutes. If irritation develops contact a physician.

Note to Physicians: No specific antidote (product may be a mild skin or eye irritant). Supportive care and symptomatic treatment may be given.

SECTION 8 - PREVENTIVE MEASURES

Respiratory Protection: In confined spaces use a NIOSH approve respirator.

Eye Protection: Eye Goggles.

Skin Protection: Impervious gloves.

Other Personal Protective Equipment:

Engineering Controls: Adequate ventilation.

Storage Requirements: Store in a cool, dry area out of reach of children and animals. Do not store where temperatures will exceed 270 F.

Storage Temperature: Do not store where temperatures will exceed 270 F.

SECTION 9 - ENVIRONMENTAL PROTECTION DATA

Spill and Leak Procedures: Wear proper protective equipment. Sweep, vacuum or shovel material into labelled container with minimum generation of dust for reuse or disposal. Prevent large quantities from contacting vegetation.

Waste Disposal: Dispose of empty packaging in garbage. Dispose of waste material in accordance with local, provincial, or federal government regulations.

Environmental Effects: Will adversely effect ecosystems, fish and wildlife in large quantities.

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Prepared by: Technical Department

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