



MATERIAL SAFETY DATA SHEET

PRODUCT: Nu- Gro Select (21-03-16)

Code: 5 14715 1

SECTION 1 - PRODUCT INFORMATION

Chemical Family: Granular Fertilizer

Product Use: Turf Fertilizer

TDG Classification: Not Regulated

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS REG #	LD50 (mg/Kg)	LC50	T.W.A. - T.L.V.
None					

SECTION 3 - PHYSICAL DATA

Physical State: Solid

Specific Gravity: Not Applicable

Boiling Point °C: Not Applicable

Vapour Pressure: Not Applicable

% Volatiles: Not Applicable

Solubility in Water: Soluble

Appearance/Odour: Granular Fertilizer.

pH: 8.1

Freezing/Melting Point: Not Applicable

Vapour Density: Not Applicable

Evaporation Rate: Not Applicable

SECTION 4 - FIRE AND EXPLOSION

Flash Point: Not Applicable

Lower Explosion Limit %: Not Applicable

Autoignition Temperature: Not Applicable

Upper Explosion Limit %: Not Applicable

Fire Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical and Water Fog

Fire Fighting Procedures: Wear self-contained Breathing Apparatus and impervious clothing. Minimize the amount of water used and contain the run-off. This product will decompose on heating.

Other Fire or Explosion Hazards: Noxious fumes, hydrogen chloride and chloride containing compounds, oxides of nitrogen and other hazardous material may be formed in a fire situation.

SECTION 5 - REACTIVITY DATA

Stability: Stable under normal conditions

Hazardous Polymerization: Will Not Occur

Conditions to Avoid: Elevated temperatures and high storage temperature- above 40 °C

Incompatibility (Materials to Avoid): Strong oxidizers and acids.

Hazardous Decomposition Products: Hydrogen chloride, ammonia and oxides of nitrogen and carbon.

SECTION 6 - HEALTH HAZARD DATA

Acute Effects of Overexposure: Product dust can be irritation to the nose throat and respiratory tract. May cause coughing and sneezing. Dust may cause redness and irritation in the eyes.

Effects of Chronic Exposure: The products may act as physical irritants to mucous membrane and the eyes. Prolonged contact with skin can lead to dermatitis. May cause skin or other allergic responses.

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SECTION 7 - FIRST AID PROCEDURES

Inhalation: Move victim to fresh air and restore breathing if required. Obtain medical advice if symptoms persist.

Skin Contact: Flush skin with running water and thoroughly wash with soap and water. If irritation persists seek medical attention.

Ingestion: Give 1 to 2 glasses of water (200 to 500 ml) to dilute material. Do not induce vomiting. Vomiting should only be induced under the direction of a physician or Poison control information centre. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing of vomitus, rinse mouth and administer more water. OBTAIN MEDICAL ADVICE. Do not induce vomiting or give anything by mouth to an unconscious person.

Eye Contact: Flush eyes with running water for 20 minutes. Hold eyelids open during flushing. If irritation persists seek Medical Attention.

SECTION 8 - PREVENTIVE MEASURES

Respiratory Protection: NIOSH/MSHA approved respirator, if required.

Eye Protection: Chemical goggles or glasses

Skin Protection: Chemical resistant gloves to avoid the drying of the skin.

Other Personal Protective Equipment: None required.

Engineering Controls: None required.

Storage Requirements: Store in cool, dry, well ventilated area away from children.

Storage Temperature: Min: 0°C Max: 40°C

SECTION 9 - ENVIRONMENTAL PROTECTION DATA

Spill and Leak Procedures: Stop leak, contain spill and transfer into waste container for disposal. Clean area with broom.

Waste Disposal: Dispose of empty container in household garbage. Dispose of spilt product as a Fertilizer, in accordance with Local, Provincial or Federal government regulations.

Environmental Effects: Do not contaminate local water supplies or environments.

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Prepared by: Technical Department

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