



MATERIAL SAFETY DATA SHEET

PRODUCT: NGC SG II 20-05-10

CODE:5147001

SECTION 1 - PRODUCT INFORMATION

P.C.P. Act Registration No.: Not Applicable
Chemical Family: Granular Fertilizer
Product Use: Turf Fertilizer
TDG Classification: Not Regulated

SECTION 2 – HAZARDOUS INGREDIENTS

INGREDIENTS	WEIGHT %	CAS REG #	LD 50 (mg/Kg)	T.W.A. – T.L.V.
No Hazardous Ingredients				

SECTION 3 - PHYSICAL DATA

Physical State: Solid
Specific Gravity: ~ 2.0 – 3.0
Boiling Point: Not Available
% Volatiles: Not Available
Solubility in Water: Soluble

Appearance/Odour: Multicolour granular fertilizer
pH: 8.0
Freezing/Melting Point: 133 °C – 1066.7 °C
Vapour Density: Not Available
Evaporation Rate: Not Available

SECTION 4 - FIRE AND EXPLOSION

Flash Point: Not Applicable
Lower Explosion Limit %: Not Applicable
Fire Extinguishing Media: Water fog, dry chemical, foam, carbon dioxide.
Fire Fighting Procedures: Wear self-contained Breathing Apparatus and impervious clothing. Minimize the amount of water used and contain the run-off. The products may decomposes on heating
Other Fire or Explosion Hazards: Toxic gases may be released in fire.

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

SECTION 5 - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Excessive heat; absorbs moisture above 60% relative humidity.
Incompatibility (Materials to Avoid): Reactive with oxidizing agents, reducing agents, alkalis, and moisture. Moderately corrosive to metals when wet. Reacts with noble metals, bromine or trifluoride. Potentially explosive reaction may occur if NaCl is mixed with dichloromaleic anhydride and urea. Electrolysis of mixture containing NaCl and nitrogen compounds may form explosive nitrogen trichloride. Incompatible with sodium nitrite, phosphorus pentachloride, bromine or trifluoride and nitrosyl perchlorate.
Hazardous Decomposition Products: May include and are not limited to ammonia, cyanuric acid, biuret and/or oxides of nitrogen, sulphur and formaldehyde.

Hazardous Polymerization: Will Not Occur

SECTION 6 - HEALTH HAZARD DATA

Acute Effects of Overexposure: Product dust can be irritating to the eyes, skin and/or mucous membranes. Ingestion can cause stomach distress, GI tract disorder, nausea, diarrhea, abdominal cramps, dehydration, hypertension, irregular heart beat or vomiting.

Effects of Chronic Exposure: May reduce lung function.

SECTION 7 - FIRST AID PROCEDURES

Inhalation: Move away from dusty environments and to fresh air. OBTAIN MEDICAL ADVICE if symptoms persist.

Skin Contact: Flush skin and hair thoroughly with soap and water. If irritation occurs seek medical attention.

Ingestion: Rinse mouth with water and drink 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: Not normally required if good ventilation is maintained.

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 under normal use conditions.

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

Storage Temperature: Min: None 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. Prevent large spills from entering sewers or waterways.

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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