

## MATERIAL SAFETY DATA SHEET

PRODUCT: SCT NPK Turf Fert + Micros 21-00-21

CODE: 4816101

### 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: ~ 2.00

Boiling Point: Not Available

% Volatiles: Not Available

Solubility in Water: Soluble

Appearance\Odour: Multicolour granular fertilizer

pH: 7.1

Freezing/Melting Point: 133-190 °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, metals, alkalis, hypochlorites and moisture. Moderately corrosive to metals when wet.

Hazardous Decomposition Products: May include and are not limited to ammonia, cyanuric acid, biuret and oxides of nitrogen, sulphur and carbon.

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 irritation to the GI tract characterized by diarrhea and burning. Ingestion may also cause burning sensation of mouth & throat and abdominal cramps. May cause pneumoconiosis, pneumonitis, irregular heartbeats, fainting, fatigue, cyanosis, confusion, dehydration and hypertension.

**Effects of Chronic Exposure:** May reduce lung function. The products may act as physical irritants to mucous membranes and the eyes. Prolonged contact with skin can lead to defatting and dermatitis. May cause sensitisation or other allergic responses. Prolonged over exposure symptoms may include bone and joint pain and limited range of motion.

**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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