



## MATERIAL SAFETY DATA SHEET

**PRODUCT:** Nu-Spec Nu-Cal S™

**CODE:** 5142151

### SECTION 1 - PRODUCT INFORMATION

**P.C.P. Act Registration No.:** none  
**Chemical Name:** Calcium Sulfate Fertilizer  
**Synonyms:** homogenous calcium sulphate based.  
**Chemical Family:** Calcium 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.
Calcium Sulphate	-	13397-24-5	ND	10mg/m3

### SECTION 3 - PHYSICAL DATA

**Physical State:** Solid  
**Specific Gravity:** near 2.4  
**Boiling Point:** Not Determined  
**% Volatiles:** Not Determined  
**Solubility in Water:** Moderate

**Appearance\Odour:** white pellets, no odour  
**pH:** near 7  
**Freezing/Melting Point:** Not Determined  
**Vapour Density:** Not Determined  
**Evaporation Rate:** Not Determined

### SECTION 4 - FIRE AND EXPLOSION

**Flash Point:** Not Applicable  
**Flammable:** No  
**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 to combustion, product will give off fumes. Fine dust dispersion in air may form an explosive mixture.

### SECTION 5 - REACTIVITY DATA

**Stability:** Stable.  
**Conditions to Avoid:** Will dissolve in acid.

**Hazardous Polymerization:** Will not occur.

**Incompatibility (Materials to Avoid):** None

**Hazardous Decomposition Products:** None

#### **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:** Prolonged lung exposure to dust may cause silicosis.

**Medical Conditions Aggravated by Exposure:** Possible skin irritation for sensitive individuals. Asthmatics exposed to excessive dust may have difficulty breathing. **Crystalline Silica (in trace amounts) is a recognized carcinogen.**

#### **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, do not induce vomiting.

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 approved 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:** Sweep, vacuum or shovel material into labelled container with minimum generation of dust for reuse or disposal.

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

**Environmental Effects:** None recognized.

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**Prepared by:** Technical Department

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