

**MATERIAL SAFETY DATA SHEET****PRODUCT:** C-I-L<sup>®</sup> Perennial, Clematis & Vine Fertilizer 6-9-7**SECTION 1 - PRODUCT INFORMATION****P.C.P. Act Registration No.:** Not Applicable**Product Code:** 2287360**Chemical Family:** Granular Fertilizer**Product Use:** Domestic Fertilizer**TDG Classification:** Not Regulated**SECTION 2 – HAZARDOUS INGREDIENTS**

INGREDIENTS	WEIGHT %	CAS REG #		
Diammonium Phosphate	16.8	7783-28-0		
SCU	4.1	NA		
Kalium Potash	2.7	7747-40-7		
KMAG	28.4	NA		
Iron	0.05	1309-37-1		

**SECTION 3 - PHYSICAL DATA****Physical State:** Solid**Specific Gravity:** Not Applicable**Boiling Point:** Not Applicable**Vapour Pressure:** Not Applicable**% Volatiles:** Not Applicable**Solubility in Water:** Soluble**Appearance\Odour:** Multicolour Granular Fertilizer.**pH:** 8**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**Fire Extinguishing Media:** Foam, Dry Chemical, Carbon Dioxide, Water Fog**Fire Fighting Procedures:** Wear self-contained Breathing Apparatus and impervious clothing. Minimize the amount of water used and contain the run-off. The products will decomposes on heating**Other Fire or Explosion Hazards:** Noxious fumes and hydrogen chloride maybe produced.**Autoignition Temperature:** Not Applicable**Upper Explosion Limit %:** Not Applicable**SECTION 5 - REACTIVITY DATA****Stability:** Stable**Hazardous Polymerization:** Will Not Occur**Conditions to Avoid:** Elevated temperatures and high storage temperatures - 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:** No Known Health Effects.

**Effects of Chronic Exposure:** None of the ingredients are known carcinogens. The products may act as physical irritants to mucous membranes and the eyes.

## **SECTION 7 - FIRST AID PROCEDURES**

**Inhalation:** Move away from dusty environments.

**Skin Contact:** Wash thoroughly with soap and water. If irritation occurs seek medical attention.

**Ingestion:** Give 1 to 2 glasses (200 to 500 ml) of water to dilute material. Do not induce vomiting. OBTAIN MEDICAL ADVICE.

**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 area.

**Storage Temperature:** Min: 5 °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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