



# SAFETY DATA SHEET

## SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** CP Peat Lite W/Sulfur 16-17-17

**PRODUCT USE:** Water Soluble Fertilizer

**MANUFACTURER NAME & ADDRESS:** Vital Earth/Carl Pool

706 E Broadway

Gladewater, TX 75647

**EMERGENCY PHONE NUMBERS (903) 845-5985 (800) 245-7645**

## SECTION 2 – HAZARDS IDENTIFICATION

**Ingestion:** Minimal hazard under normal conditions and use. Ingestion of large quantities may cause gastrointestinal discomfort, vomiting, weakness, or other medical related problems.

**Inhalation:** Dusty conditions may cause mechanical aggravation to respiratory mucous membranes

**Eye Contact:** Dust from this product may cause particulate discomfort to the eyes.

**Skin Contact:** Slight dermal abrasion is possible with prolonged contact, especially around cuffs and collars.

**Effects of Overdose:** Ingestion of large doses may cause diarrhea, nausea, abdominal cramps or formation of methemoglobinemia. Seek medical attention.

## SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

### Chemical Name and Synonym

**Water Soluble Plant Food**

**Non-Hazardous      100%   10mg/m3 Nuisance Dust   15 mg/m3 Nuisance Dust**

**Potassium Nitrate 38.75% of net contents by weight**

## SECTION 4 – FIRST AID MEASURES

**Ingestion:** If ingested, dilute by drinking large quantities of water. Seek medical attention.

**Inhalation:** Remove to fresh air. Seek medical attention if condition persists.

**Eyes:** Flush eyes with water for at least 15 minutes. Seek medical attention if condition persists.

**Skin:** Wash with soap and water. Seek medical attention if condition persists.

**Notes to Physician:** Consult standard literature based on sound judgment of the physician and the individual reactions of the patient.

## **SECTION 5 – FIREFIGHTING MEASURES**

**Extinguishing Media:** Use media suitable to extinguish source of fire.

**Special Firefighting Procedures:** Product is not combustible.

**Unusual Fire and Explosion Hazards:** During extremely high temperatures fire conditions, the product may reach melting point and decompose to release NH<sub>3</sub>, SO<sub>x</sub>, PO<sub>x</sub>, or CN.

## **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**Environmental Precautions:** Keep out of water supplies, lakes, ponds, streams, and rivers. This product is a fertilizer and may promote algae growth.

**Steps to be taken in case material is released or spilled:** Keep from entering waterways. Sweep up material and place in suitable container for use as a fertilizer or for disposal

## **SECTION 7 – HANDLING AND STORAGE MEASURES**

**Handling:** Prevent spillage and separate from strong oxidizers. Use normal safety procedures and good personal hygiene. Normal precautions common to good manufacturing practice should be followed. Wash hands with soap and water after handling product. Avoid inhalation or contact with skin, eyes, or clothing. Keep out of lakes, streams or ponds.

**Storage:** Keep out of reach of children and animals. If containerized, store in a cool, dry area in closed container or package. Keep away from feed or foodstuffs.

## **SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering Controls:** Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

### **Personal Protective Equipment:**

**Eyes and Face:** In dusty conditions, safety glasses with side shields or goggles may be necessary.

**Skin:** No special protective clothing is necessary under normal use conditions. Gardening gloves are suggested for repeated handling of soils products. Fertilizer applications should wear long-sleeved shirt, long pants, shoes and socks.

**Respiratory:** No special respiratory protection is required under normal use conditions. However, if operating conditions create high airborne concentrations of product, a dust mask, or other appropriate respiratory protection is recommended.

## **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

<b>Boiling Point:</b>	Non Applicable	<b>Solubility in Water:</b>	99.9%
<b>Density:</b>	Not Available	<b>%Volatiles (by volume):</b>	Not applicable
<b>Flashpoint:</b>	Non-flammable	<b>Vapor pressure, mm Hg:</b>	Not applicable
<b>pH:</b>	Not listed	<b>Reaction with Water:</b>	None
<b>Appearance:</b>	Dark blue fine granules with traces of darker blue prills		

## SECTION 10 – STABILITY AND REACTIVITY

**Conditions to Avoid:** Keep away from extremely high temperatures.

**Stability:** Stable

**Incompatibility (Material to Avoid):** Strong oxidizing agents. Prolonged contact may cause oxidation of unprotected metals.

**Hazardous Decomposition Products:** During extremely high temperatures fire conditions, the product may reach melting point and decompose to release NH<sub>3</sub>, SO<sub>x</sub>, PO<sub>x</sub>, or CN.

**Polymerization:** Will not occur.

## SECTION 11 – TOXICOLOGICAL INFORMATION

**Acute Toxicity:** No data for mixture.

**Eye Irritation:** Eye contact with solids may produce irritation, tearing, or blinking as a

**Skin Irritation:** May cause skin irritation in susceptible persons.

**Inhalation:** Inhalation of dust may irritate nose, throat, and lungs.

**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

## SECTION 12 – ECOLOGICAL INFORMATION

**Product Information:** No ecological information is known on the product.

**Environmental Precautions:** Keep out of water supplies, lakes, ponds, streams, and rivers. This product is a fertilizer and may promote algae growth.

## SECTION 13 - DISPOSAL CONSIDERATIONS

**Disposal Method:** Pick up with a shovel and broom and use as a fertilizer by applying to soil using good agricultural management.

## SECTION 14 – TRANSPORTATION INFORMATION

**Shipping Name:** Not DOT regulated.

**Hazard Class:** None

**Reportable Quantity (RQ)** None

**Labels Required:** Normal

**Placard:** None

## SECTION 15 – REGULATORY INFORMATION

**General Comments:** Contact local authorities for proper disposal of large quantities of the unused product.

## **SECTION 16 – OTHER INFORMATION**

**MANUFACTURER DISCLAIMER:** The information contained herein is, to the best of the Manufacturer's knowledge and belief, accurate and reliable as of the date of the preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and the Manufacturer shall not be liable for any loss or damage arising out of the use thereof. In addition, the Manufacturer shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.

**Notice:** How this product is used is very important and beyond the control of the seller. The buyer assumes all risk for any use beyond those described on the label or for any use under abnormal conditions.