

# Fort Cady Minerals Corporation

24-Hour Emergency Contact  
CHEMTREC: 800-424-9300

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22-Aug-97

## SECTION I - IDENTIFICATION

### CHEMICAL NAME AND SYNONYMS

Calcium Borate, Synthetic Colemanite

### TRADE NAME AND SYNONYMS

CADYCAL 100

### CHEMICAL FAMILY

Boron

### FORMULA

Ca<sub>2</sub>B<sub>6</sub>O<sub>11</sub> - 5H<sub>2</sub>O

### DESCRIPTION:

White, free flowing micro-powder with no odor.

## SECTION II - HAZARDOUS INGREDIENTS

### INGREDIENT

### CAS No.

### ppm

### mg/m<sup>3</sup>

### REMARKS

This product is not hazardous.

## SECTION III PHYSICAL PROPERTIES

<u>Boiling Point:</u>	na	<u>Specific Gravity:</u>	2.56
<u>Vapor Pressure (mm Hg):</u>	na	<u>pH</u>	na
<u>Vapor Density (air =1):</u>	na	<u>Volatile (% by volume):</u>	na
<u>Evaporation Rate (ether=1):</u>	na	<u>Solubility in Water:</u>	very low
<u>Appearance and Odor:</u>	White powder no odor.		

## SECTION IV - FIRE & EXPLOSION HAZARD DATA

<u>EXTINGUISHING MEDIA:</u> na	<u>FLASH POINT:</u> na
	<u>LEL</u> na
	<u>UEL</u> na

SPECIAL FIRE FIGHTING PROCEDURES: none

UNUSUAL FIRE AND EXPLOSION HAZARDS: none

## SECTION V - REACTIVITY DATA

STABILITY: Stable HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY (Materials to avoid):

Avoid mixing with strong acids

HAZARDOUS DECOMPOSITON PRODUCTS:

None.

**SECTION VI - HEALTH HAZARD DATA**

**NATURE OF PRINCIPAL HAZARD(S):** na (not a health hazard as defined by OSHA)

**TARGET ORGAN(S):** na

**SIGNS, SYMPTIONS, AND EFFECTS OF EXPOSURE:**

Eye irritation, respiratory irritation, dry skin.

**SAFETY PRECAUTIONS:**

- Do not get in eyes, or damaged skin.
- Wash thoroughly after handling
- Avoid prolonged or repeated inhalation of dust.
- Avoid prolonged or repeated skin contact.
- Caution - slip hazard.

**FIRST AID:**

**Eye contact:** Immediately flush eyes with plenty of water. Call a physician.

**Ingestion:** If swallowed, call a physician.

**Skin Contact:** Flush skin with water and then wash thoroughly with soap or mild detergent and water. Call a physician.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth using proper precautions. If breathing is difficult, give oxygen. Call a physician.

**SECTION VII - ENVIRONMENTAL DATA**

**SPILL OR LEAK PROCEDURES:**

- Soil release: Shovel or sweep up into a container and reclaim for salvage value.
- Water spill: Collect by suction or dredge and dispose of as under soil release above.
- Air spill: Allow dust to settle, collect and dispose of as above for soil release.
- Occupational spill: Shovel or sweep up and dispose of as above for soil release.

**WASTE DISPOSAL METHOD:**

It is a natural occuring mineral. Dispose of as limestone.

**SECTION VIII - PERSONAL PROTECTIVE EQUIPMENT**

**RESPIRATORY PROTECTION:** Use NOSH/MISHA approved dust and mist respirator.

**PROTECTIVE GLOVES:** Ordinary work gloves or rubber gloves.

**EYE PROTECTION:** Safety glasses or safety goggles.

**VENTILATION:** Use local exhaust and general ventilation techniques.

**OTHER EQUIPMENT:** Provide eyewash station(s).