



## B-122™

### **Description:**

B-122, when combined intimately with powders intended for pressing to form eye shadows, rouges, cake powders, as well as tablets, markedly increases the drop strength of the final product without affecting the shearing quality of the compressed powder. Various commercial pressed powders containing 3% to 7% B-122 (substituted for magnesium stearate) have resulted in increased drop strengths of up to 100%. It was also noted that despite the increase in drop strength, there was no sacrifice of pay-off.

B-122 consists of a calcium acid stearate that is mechanically treated to modify the nature of the particles. This treatment process results in enhanced binding properties.

B-122 responds rapidly to pressure exerted upon it and compacts readily under slight pressure. Care must be taken in its use because it blocks easily. Once dispersed uniformly and thoroughly in the powder formulation, it can be compacted easily into strong shapes.

### **Uses:**

B-122 is used as a binder in pressed powders to increase drop strength without adversely affecting payoff. A sample formulary is available upon request.

### **Nomenclature:**

CAS: 1592-23-0, 57-11-4

INCI: Calcium Stearate (and) Stearic Acid

EINECS (Europe): 216-472-8, 200-313-4

DSL/NDSL (Canada): 5869, 1664

ENCS (Japan): JSCI 002221, JSCI 002220

AICS (Australia): All components comply

### **Typical Properties:**

These values are typical properties only and not necessarily specifications. Specifications and test methods are available upon request.

Form	Powder
Color	White
Density	untapped 0.22-0.27 g/cc tapped 0.27-0.31 g/cc
Assay as CaO	8.5 - 10.5 %

### **Testing:**

Primary skin irritation tests show B-122 is a Non-Primary Irritant.

### **Derivation:**

B-122 contains only vegetal derived ingredients.

### **Storage and Handling:**

B-122 should be stored in a cool place. Storage at high temperatures may cause lumping or even fusion of the entire contents. Avoid contact with strong oxidizing agents, acids, or alkalis.

### **Availability:**

B-122 is available in drums containing 55 pounds net weight per drum.

Contact Guardian Laboratories for information about samples or sales.