

# H & A (Canada) Inc.

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## PRODUCT DATA

### **POTASSIUM BENZOATE FCC-NF**

**Mol. Formula:**  $KC_7H_5O_2$

**Mol. Weight:** 160.2

#### **DESCRIPTION**

White, odorless or nearly odorless. It is water soluble in water and slightly soluble in ether.

#### **FUNCTIONAL USE IN FOODS**

Preservative: antimicrobial agent.

Conforms to U.S. Food Chemicals Codex Specifications

Conforms to National Formula specifications

#### **SPECIFICATIONS**

Appearance : White and fine granular powder

Identification : To pass test

Taste and odor : No off taste or off odor

Assay (dry basis) : 99.0% - 100.5%

Alkalinity (as KOH) : To pass test (0.06% max)

Heavy Metals (as Pb) : 0.0005% Max.

Lead : 2 mg/kg Max.

Water : 1.5% Max.

This material conforms to the NF limits for organic impurities. We acknowledge that the manufacturing process indicates none of the subject organic impurities could be present.

#### **TYPICAL BULK DENSITY**

Typical Bulk density (tapped) : 46 - 50 lbs/cu.ft

#### **TYPICAL PARTICULE SIZE**

Thru 2000  $\mu\text{m}$  (US std mesh #10) : 60% min.

Thru 180  $\mu\text{m}$  (US std mesh #80) : 5% max.

#### **PACKAGING**

20 kg, 22.7 kg or 25 kg bag multiwall paper bags

500 kg, 907.2 kg or 1000 kg bag - bulk

45.4 kg fiber drum

#### **STORAGE/SHELF LIFE**

Recommended storage conditions : a cool and dry place, in tight containers.

Typical maximum storage time : 2 year.