



THE POWER OF THREE<sup>3</sup>

**PHARMCO-AAPER**

AND COMMERCIAL ALCOHOLS

Product Information (203) 740-3471

Emergency Assistance CHEMTREC 1-800-424-9300

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY INFORMATION

**Product name:** POTASSIUM BENZOATE

**Synonyms:** Benzoic Acid, potassium salt; Benzoate of potash

**Supplier:**

Manufacturer: PHARMCO-AAPER.  
58 Vale Road  
Brookfield, Connecticut 06804, USA  
Phone (203) 740-3471  
Fax (203) 740-3481

1101 Isaac Shelby Drive  
Shelbyville, KY 40065

Phone (502) 633-0650  
Fax (502) 633-0685

Emergency Contact:

CHEMTREC 1-800-424-9300

---

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Components CAS Number Weight % ACGIH Exposure Limits: OSHA Exposure Limits:**  
POTASSIUM BENZOATE 582-25-2 100% None None

## 3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** May cause skin irritation and/or dermatitis

**Principle routes of exposure:** Skin

**Inhalation:** May cause irritation of respiratory tract

**Ingestion:** May be harmful if swallowed.

**Skin contact:** May cause allergic skin reaction

**Eye contact:** Avoid contact with eyes

**Statements of hazard** MAY CAUSE ALLERGIC SKIN REACTION

**Statement of Spill or Leak - ANSI Label** Eliminate all ignition sources. Absorb and/or contain spill with inert materials (e.g., sand, vermiculite). Then place in appropriate container. For large spills, use water spray to disperse vapors, flush spill area. Prevent runoff from entering waterways or sewers.

## 4. FIRST AID MEASURES

**General advice:** In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**Inhalation:** Move to fresh air. Call a physician immediately.

**Skin contact:** Rinse immediately with plenty of water and seek medical advice

**Ingestion:** Do not induce vomiting without medical advice.

**Eye contact:** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Protection of first-aiders:** No information available

**Medical conditions aggravated by exposure:** None known

## 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam **Specific hazards:** combustible material

**Unusual hazards:** None known

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**Specific methods:** Water mist may be used to cool closed containers.

**Flash point:** Not determined

**Autoignition temperature:** Not determined

**NFPA rating:**

NFPA Health: 0

NFPA Flammability: 0

NFPA Reactivity: 0

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment.

**Environmental precautions:** Prevent product from entering drains.

**Methods for cleaning up:** Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

**Storage:**

ROOM TEMPERATURE

**Handling:** Use only in area provided with appropriate exhaust ventilation.

**Safe handling advice:** Wear personal protective equipment.

**Incompatible products:** Oxidising and spontaneously flammable products

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures:** Ensure adequate ventilation.

**PERSONAL PROTECTIVE EQUIPMENT**

**Respiratory protection:** Breathing apparatus only if aerosol or dust is formed.

**Hand protection:** Pvc or other plastic material gloves

**Skin and body protection:** Usual safety precautions while handling the product will provide adequate protection

against this potential effect.

**Eye protection:** Safety glasses with side-shields

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Solid

**Formula:** C7H6O2•K

**Molecular weight:** No Data Available at this time

**Boiling point/range:** No Data available at this time.

**Melting point/range:** > 300°C

**Density:** No data available

**Vapor pressure:** No data available

**Evaporation rate:** No data available

**Vapor density:** No data available

**Solubility (in water):** Soluble

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under recommended storage conditions.

**Polymerization:** None under normal processing.  
**Hazardous decomposition products:** Potassium oxides (K<sub>2</sub>O)  
**Materials to avoid:** Strong oxidising agents  
**Conditions to avoid:** Exposure to air or moisture over prolonged periods.

## 11. TOXICOLOGICAL INFORMATION

### Product Information

#### Acute toxicity

**Components RTECS Number:** NIOSH - Selected LD<sub>50</sub>s and LC<sub>50</sub>s

POTASSIUM BENZOATE Not Available Not Determined

**Chronic toxicity:** Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness.

**Local effects:** Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

**Specific effects:** May include moderate to severe erythema (redness) and moderate edema (raised skin), nausea, vomiting, headache.

**Primary irritation:** No data is available on the product itself.

**Carcinogenic effects:** No data is available on the product itself.

**Mutagenic effects:** No data is available on the product itself.

**Reproductive toxicity:** No data is available on the product itself.

## 12. ECOLOGICAL INFORMATION

**Mobility:** No data available

**Bioaccumulation:** No data available

**Ecotoxicity effects:** No data available

**Aquatic toxicity:** May cause long-term adverse effects in the aquatic environment.

**Components U.S. DOT - Appendix B -  
Marine Pollutant**

**U.S. DOT - Appendix B -  
Severe Marine Pollutants**

**United Kingdom - The Red**

**List:**

POTASSIUM BENZOATE Not Listed Not Listed Not Listed

**Components Germany VCI (WGK) World Health Organization  
(WHO) - Drinking Water**

**Ecotoxicity - Fish Species**

**Data**

POTASSIUM BENZOATE Not Listed Not Listed Not Listed

**Components Ecotoxicity - Freshwater**

**Algae Data**

**Ecotoxicity - Microtox Data Ecotoxicity - Water Flea**

**Data**

POTASSIUM BENZOATE Not Listed Not Listed Not Listed

**Components EPA - ATSDR Priority List EPA - HPV Challenge  
Program Chemical List**

**California - Priority Toxic**

**Pollutants**

POTASSIUM BENZOATE Not Listed indicator 0; ICCA sponsored Not Listed

**Components California - Priority Toxic Pollutants California - Priority Toxic Pollutants**

POTASSIUM BENZOATE Not Listed Not Listed

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:** Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fires extinguished with this material may be hazardous.  
**Contaminated packaging:** Do not re-use empty containers

#### 14. TRANSPORT INFORMATION

**UN/Id No:** Not regulated

**DOT:**

**Proper shipping name:** Not Regulated

**Hazard Class** None

**Packing group:** None

**Components CERCLA/SARA - Reportable Quantities**

POTASSIUM BENZOATE Not Listed

**TDG (Canada):**

**WHMIS hazard class:** Non-controlled

**IMDG/IMO**

**Proper shipping name:** None

**Components IMDG - Hazard**

**Classifications**

**IMDG - Marine Pollutants IMDG - Potential Marine**

**Pollutants**

POTASSIUM BENZOATE Not Applicable Not Applicable Not Applicable

**Components IMDG - Regulated**

**Substances**

**IMDG - Severe**

**Marine Pollutants**

**U.S. DOT -**

**Appendix B -**

**Marine Pollutan**

**U.S. DOT - Appendix B**

**- Severe Marine**

**Pollutants**

POTASSIUM BENZOATE Not Applicable Not Applicable Not Listed Not Listed

**IMO-labels:**

**Maximum quantity:** No data available

#### 15. REGULATORY INFORMATION

**International Inventories**

**Canada DSL Inventory List - Listed**

**Australia (AICS): Listed**

**China inventory of existing chemical substances list -: Present**

**EU EINECS List - Listed**

**Inventory - Japan - Existing and New Ch Listed**

**Korean KECL: Listed**

**Philippines PICCS: Listed**

**Components POTASSIUM BENZOATE**

**Catalog Number: 222267 Product name**

**Components California Proposition**

65 -

**Massachusetts Right to**

**Know List:**

**New Jersey Right to**

**Know List:**

**Pennsylvania Right to Know**

**List:**

POTASSIUM BENZOATE Not Listed Not Listed Not Listed Not Listed

**Components Florida substance List: Rhode Island Right to**

**Know List:**

**Illinois - Toxic Air**

**Contaminants**

**Connecticut - Hazardous Air**

**Pollutants**

POTASSIUM BENZOATE Not Listed Not Listed Not Listed Not Listed

**Components SARA 313 Emission**

**reporting/Toxic Release**

**of Chemicals**

**CERCLA/SARA - Section**

**302 Extremely Haz**

**NTP: IARC:**

POTASSIUM BENZOATE Not Listed Not Listed None None

**SARA 313 Notification:** The above is your notification as to the SARA 313 listing for this product(s) pursuant to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

If you are unsure if you are subject to the reporting requirements of Section 313, or need more information, please call the EPA Emergency Planning and Community Right-To-Know Information Hotline: (800) 535-0202 or (202) 479-2499 (in Washington, DC or Alaska).

**State Notification:** The above information is your notice as to the Right-to-Know listings of the stated product(s). Individual states will list chemicals for a variety of reasons including, but not limited to, the compounds toxicity; carcinogenic, tumorigenic and/or reproductive hazards; and the compounds environmental impact if accidentally released.

**16. OTHER INFORMATION**

The information contained herein is based on data considered to be accurate. However, no warranty is expressed regarding the accuracy of these data or the results to be obtained from the use thereof. It is the user's obligation to determine the conditions of safe use of the product.