

**Section 1: Identification**

**Product Name** Benzyl Benzoate USP  
**Commercial Name** Not available.  
**Product Use** Manufacture of substances  
**Restrictions On Use** Not available.

**Product Code** 30-1422

**Company** PCCA  
9901 South Wilcrest  
Houston, TX 77099  
Phone: 1-800-331-2498  
Fax: 1-800-874-5760

In case of emergency contact:  
**CHEMTREC (24hr) 1-800-424-9300**

**Section 2: Hazard(s) Identification**

**OSHA Haz Com:** Acute toxicity, Oral (Category 4), H302 Acute aquatic toxicity (Category 2), H401 Chronic aquatic toxicity (Category 2), H411  
**CFR 1910.1200** (Category 2), H411

**Signal Word** WARNING

**Hazard Statement(s)** Harmful if swallowed. May be harmful in contact with skin. Toxic to aquatic life with long lasting effects.

**Pictogram(s) or Symbol(s)**



**Precautionary Statement(s):**

**Prevention** P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product.  
P273 Avoid release to the environment.  
**Response** P301 P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. P330 Rinse mouth. P391 Collect spillage  
**Storage** Not available.  
**Disposal** P501 Dispose of contents/ container to an approved waste disposal plant.

**Section 3: Composition/Information on Ingredients**

**Substance/Mixture** Substance  
**Components** Benzyl benzoate  
**% By Weight** 100  
**CAS#** 120-51-4  
**Molecular Weight** 212.24 g/mole  
**Chemical Formula** C14H12O2  
**Synonym(s)** Benzoic acid, phenylmethyl ester

**Mixtures**

| <b>Name</b>     | <b>CAS#</b> | <b>% by Weight</b> | <b>TLV/PEL</b> | <b>LC50/LD50</b>  |
|-----------------|-------------|--------------------|----------------|---|
| Benzyl benzoate | 120-51-4    | 100                | Not available. | ORAL (LD50):Acute: 1700mg/kg [Rat].1400 mg/kg[Mouse].DERMAL (LD50):Acute: 4000mg/kg [Rabbit]. |

**Section 4: First-Aid Measures**

|                                    |   |
|------------------------------------|---|
| <b>Inhalation</b>                  | If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician. |
| <b>Skin Contact</b>                | Wash off with soap and plenty of water. Consult a physician.  |
| <b>Eye Contact</b>                 | Flush eyes with water as a precaution.  |
| <b>Ingestion</b>                   | Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.             |
| <b>Symptoms/Effects</b>            |   |
| <b>Acute</b>                       | Not available.  |
| <b>Delayed</b>                     | Not available.  |
| <b>Immediate Medical Attention</b> | Not available.  |

**Section 5: Fire-Fighting Measures**

|   |  |
|---|--|
| <b>Suitable Extinguishing Media</b>                   | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| <b>Unsuitable Extinguishing Media</b>                 | Not available.   |
| <b>Products of Combustion</b>                         | Carbon oxides  |
| <b>Firefighters Special Equipment and Precautions</b> | Wear self contained breathing apparatus for fire fighting if necessary.  |

**Section 6: Accidental Release Measures**

Personal precautions: Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.  
Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Methods and materials for containment and cleaning up: Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

**Section 7: Handling and Storage**

Handling: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Storage: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

**Section 8: Exposure Controls/Personal Protection**

|                             |   |
|-----------------------------|---|
| <b>Exposure Limits</b>      | Not available.  |
| <b>Engineering Controls</b> | Not available.  |
| <b>Personal Protection</b>  | Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Hand protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Eye protection: Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin and body protection: Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. |

**Section 9: Physical and Chemical Properties**

|   |                                 |  |                     |
|---|---------------------------------|--|---------------------|
| <b>Appearance</b>                                 | COLORLESS TO PALE YELLOW LIQUID |  |                     |
| <b>Odor</b>                                       | Faint,Balsamic                  |  |                     |
| <b>Odor Threshold</b>                             | Not available.                  |  |                     |
| <b>Melting Point</b>                              | 18                              | <b>pH</b>                                | Not available.      |
| <b>Freezing Point</b>                             | Not available.                  | <b>Vapor Pressure</b>                    | 0.001 (mm Hg @20°C) |
| <b>Boiling Point/Range</b>                        | 323.5°C (614.3°F)               | <b>Vapor Density</b>                     | 7.3                 |
| <b>Decomposition temperature</b>                  | Not available.                  | <b>Viscosity</b>                         | Not available.      |
| <b>Partition Coefficient:<br/>n-octanol/water</b> | log Pow: 4                      | <b>Evaporation Rate</b>                  | Not available.      |
| <b>Flash Point</b>                                | >200+F                          | <b>Autoignition temperature</b>          | 480 °C (896 °F)     |
| <b>Flammability</b>                               | Not available.                  | <b>Flammability or Explosive Limits:</b> |                     |
|   |                                 | <b>Lower</b>                             | Not available.      |
|   |                                 | <b>Upper</b>                             | Not available.      |
| <b>Solubility(ies)</b>                            | Insoluble in water.             |  |                     |
| <b>Other</b>                                      | Density @25 °C 1.118            |  |                     |

**Section 10: Stability and Reactivity**

|   |  |
|---|--|
| <b>Reactivity</b>                       | Not available.                               |
| <b>Chemical Stability</b>               | Stable under recommended storage conditions. |
| <b>Hazardous Polymerization</b>         | Not available.                               |
| <b>Conditions to Avoid</b>              | Not available.                               |
| <b>Incompatible Materials</b>           | Strong oxidizing agents                      |
| <b>Hazardous Decomposition Products</b> | Carbon oxides                                |

**Section 11: Toxicological Information****RTECS** DG4200000**Acute Toxicity**

Acute toxicity Oral LD50 LD50 Oral - rabbit - 1,680 mg/kg Inhalation LC50 no data available Dermal LD50 LD50 Dermal - rabbit - 4,000 mg/kg

**Skin Corrosion/Irritation**

Harmful if absorbed through skin. May cause skin irritation.

**Serious Eye Damage/Irritation**

May cause eye irritation.

**Respiratory or Skin Sensitization**

May be harmful if inhaled. May cause respiratory tract irritation.

**Germ Cell Mutagenicity**

Not available.

**Carcinogenicity**

Not established

**Reproductive Toxicity**

Not available.

**Routes of Entry**

Inhalation. Ingestions. Skin. Eyes.

**Symptoms Related to Exposure**

Cardiovascular effects., Muscle cramps/spasms., Ataxia.

**Potential Health Effects**

Harmful if swallowed.

**Target Organ(s)** Not available.**Section 12: Ecological Information****Ecotoxicity**

Not available.

**Persistence and Degradability**

Not available.

**Bioaccumulative Potential**

Not available.

**Mobility in Soil**

Not available.

**Other Adverse Effects**

Toxic to aquatic life with long lasting effects.

**Section 13: Disposal Considerations****Waste Disposal**

Offer surplus and non-recyclable solutions to a licensed disposal company.

**Disposal of Container**

Dispose of as unused product.

**Other Considerations**

Not available.

**Section 14: Transport Information****DOT Classification**

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

**Section 15: Regulatory Information****Regulations**

OSHA Hazards Harmful by ingestion. SARA 302 Components SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards Acute Health Hazard Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components Benzyl benzoate

|         |               |          |                                     |
|---------|---------------|----------|-------------------------------------|
| CAS-No. | Revision Date | 120-51-4 | New Jersey Right To Know Components |
|---------|---------------|----------|-------------------------------------|

|                 |         |               |          |
|-----------------|---------|---------------|----------|
| Benzyl benzoate | CAS-No. | Revision Date | 120-51-4 |
|-----------------|---------|---------------|----------|

California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**Other**

Not available.

**Section 16: Other Information**



## Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Benzyl Benzoate USP

30-1422

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