



SAFETY DATA SHEET

1. Identification:

Product Identifier: Potassium Acid Phthalate
Product code: BP2020
Synonym(s): Potassium Hydrogen Phthalate, Acid Potassium Phthalate
Recommended use: Manufacture of other chemical products, professional, scientific, and technical activities.
Recommended restrictions: None known.

Manufacturer/Supplier/Distributor Information

Company name: Biopharm Inc.
Address: 187 South Tilley Road
Hatfield, AR 71945
Telephone: (870) 389-6114
Website: www.bphchem.com
E-mail: support@bphchem.com
Emergency phone number: Chemtrec 800-424-9300

2. Hazard(s) identification:

Classification: None classified
Label elements: None classified.
Signal word: None. (Hazards do not reach threshold required for least severe category.)
Hazard statement: This mixture does not meet the criteria for classification.
Precautionary statement:
Prevention Wear eye/face protection. Wash thoroughly after handling
Response IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Storage Store away from incompatible materials.
Disposal Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise classified (HNOC): None Known.
Supplemental information: None.

3. Composition/information on ingredients

Mixtures

<u>Chemical Name</u>	<u>CAS number</u>	<u>%</u>
Potassium Acid Phthalate	872-24-7	100

4. First-aid measures

Inhalation:	Move to fresh air. Get medical attention if irritation develops and persists.
Ingestion:	Have victim rinse mouth thoroughly with water. Get medical attention if irritation develops and persists.
Skin contact:	Rinse skin with water/shower. Get medical attention if irritation develops and persists.
Eye contact:	Flush eyes with water as a precaution. If irritation develops, obtain medical care.
Most important symptoms/effects, acute and delayed:	Direct contact with eyes may cause temporary irritation.
General information:	Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media:	Any media necessary for extinguishing the surrounding fire.
Unsuitable extinguishing media:	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	None known.
Special protective equipment and precautions for firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Fire-fighting equipment/instructions	Move containers from fire area if you can do it without risk. Use water spray to cool unopened containers.

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures:	Keep unnecessary personnel away.
Methods and materials for containment and cleaning up:	Avoid dust formation. Sweep up or gather material and place in appropriate container for disposal. This product is miscible in water. Stop the flow of material, if this is without risk. After removal flush contaminated area thoroughly with water. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS. Small Dry Spills: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.
Environmental precautions:	Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling:	Avoid prolonged exposure. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities:	Store bottles tightly capped and upright. Store away from incompatible materials.

8. Exposure controls/personal protection

Engineering measures:	Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation, especially in confined areas.
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Personal protective equipment:

Eye/face protection:	Wear protective eyeglasses or chemical safety goggles.
Skin and body protection:	Wear appropriate protective gloves and clothing to prevent skin exposure.
Respiratory protection:	In case of insufficient ventilation, wear suitable respiratory equipment.
Hygiene measures:	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance:	White Crystal/Powder
Odor:	Odorless
Molecular Weight:	204.23
Vapor Pressure (mm Hg):	No data available.
Vapor density (Air = 1):	No data available.
pH:	4.00 (0.05 M Aqueous Solution)
Relative density:	No data available.
Melting point/freezing point:	Not available.
Solubility in Water:	80 g/l at 20 °C.
Boiling Point (°F):	Not available.
Flash point:	No data available.
Evaporative Rate (H₂O = 1):	No data available.
Flammability (solid, gas):	Not applicable
Upper/lower flammability or explosive limits	
Flammability limit - lower	No data available.
Flammability limit - upper	No data available.
Explosive limit - lower	No data available.
Explosive limit - upper	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Other information:	
Specific Gravity (H₂O = 1):	1.64
Percent Volatile by Volume:	No data available.

10. Stability and reactivity

Reactivity:	Product is stable and non-reactive under ordinary conditions of use, storage and transport.
Chemical stability:	Material is stable under normal conditions.

Possibility of hazardous reactions: Hazardous polymerization will not occur.
Conditions to instability: None know. Contact with incompatible materials
Incompatible materials: None known.

11. Toxicological information

Information on likely routes of exposure:

Ingestion: Expected to be a low ingestion hazard.
Inhalation: Inhalation of dusts may cause respiratory irritation.
Skin Contact: May be irritating to the skin.
Eye Contact: Direct contact with eyes may temporary irritation.

Information on toxicological effects

Acute toxicity Not known.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation May cause irritation to skin on contact.
Serious eye damage/irritation May cause irritation to eyes on contact.
Respiratory Sensitization Not a respiratory sensitizer.
Skin sensitization This product is not expected to cause skin sensitization.
Carcinogenicity Not classifiable as to carcinogenicity to humans.
Mutagenic effects No data available.
Reproductive effects No data available.
STOT – single exposure No data available.
STOT – repeated exposure No data available.
Aspiration hazard No data available.
Chronic effects May affect genetic material.

12. Ecological information

Ecotoxicity: This material is not expected to be harmful to aquatic life.
Persistence and degradability: No data available
Bioaccumulation/Accumulation: No data available
Mobility in soil: No data available
Other adverse effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Waste disposal methods: To be performed in compliance with all current local, state and federal regulations.

14. Transport information

DOT: Not regulated as dangerous goods.

15. Regulatory information

U.S. Federal regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated

U.S. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not regulated

CERCLA Hazardous Substances List (40 CFR 302.4) Not listed

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories Immediate Hazard – No
 Delayed Hazard – No
 Fire Hazard – No
 Pressure Hazard – No
 Reactivity Hazard – No

Other Federal regulations

Clean Air Act Not regulated.

Clean Water Act Not regulated.

California Prop 65 This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

16. Other information, including date of preparation or last revision

Revision date January 3, 2024

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