

MATERIAL SAFETY DATA SHEET**Product Name:** Potassium hydrogen phthalate**CAS No.:** 877-24-7**Version:** 0**1. Identification**

Product Code : 90214, 90507
Company Name : Advent Chembio Private Limited
Address : W-288, MIDC, TTC INDUSTRIAL AREA, THANE-BELAPUR
ROAD, RABALE, NAVI MUMBAI - 400 701.
E-mail : info@adventchembio.com
WEBSITE : www.adventchembio.com
Company Phone Number : 022-27690837

2. Hazards Identification

Hazard classification : Not classified
Label elements
Hazard symbol : No symbol
Signal word : No signal word.
Hazard statement : Not applicable.
Precautionary statement : Not applicable.
Other hazards which do not result in GHS classification : None.

3. Composition/Information on Ingredients

Ingredient	CAS No	Percent
POTASSIUM HYDROGEN PHTHALATE	877-24-7	NLT 99.0%

4. First Aid Measures

Description of first aid measures
General advice : Consult a physician. Show this safety data sheet to the doctor in attendance.
Inhalation : If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Skin contact : Wash off with soap and plenty of water. Consult a physician.
Eye contact : Flush eyes with water as a precaution.
Swallowed : Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Most important symptoms and effects, both acute and delayed : Nausea, Vomiting, To the best of our knowledge, the chemical, physical, and toxicological properties have not been

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Indication of any immediate medical attention and special treatment needed Treatment : thoroughly investigated.
: No data available

5. Fire fighting measures**Extinguishing media**

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Special hazards arising from the substance or mixture : Carbon oxides, Potassium oxides

Advice for firefighters : Wear self contained breathing apparatus for fire fighting if necessary

Further information : No data available

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures : Wear self contained breathing apparatus for fire fighting if necessary.

Environmental precautions : Do not let product enter drains.

Methods and materials for containment and cleaning up : Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Reference to other sections : For disposal see section 13.

7. Handling and Storage

Precautions for safe handling : Avoid formation of dust and aerosols.
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities : Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Specific end use(s) : No data available

MATERIAL SAFETY DATA SHEET**Product Name:** Potassium hydrogen phthalate**CAS No.:** 877-24-7**Version:** 0**8. Exposure Controls Personal Protection****Control parameters****Components with workplace control parameters****Exposure controls****Appropriate engineering controls** : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.**Personal protective equipment****Eye/face protection** : Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).**Skin Protection 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.**Body Protection**

: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

: Respiratory protection is not required

9. Physical and Chemical Properties

Appearance	: White solid.
Odor	: No data available
pH	: 4
Melting point/freezing point	: 295 - 300 °C - dec.
Initial boiling point and boiling range	: No data available
Flash Point	: Not applicable.
Vapor pressure	: No data available
Vapor density	: No data available
Relative density	: 1.640 g/cm ³
Solubility in water	: Soluble
Solubility (other)	: No data available
Formula	: C ₈ H ₅ KO ₄
Molecular Weight	: 204.22 g/mol

10. Stability and Reactivity

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Reactivity : No data available
Chemical stability : No data available
Possibility of hazardous reactions : No data available
Conditions to avoid : No data available
Incompatible materials : Strong oxidizing agents
Hazardous decomposition products : Other decomposition products - No data available

11. Toxicological Information**Information on toxicological effects**

Acute toxicity : LD50 Oral - rat - > 3.200 mg/kg
Skin corrosion/irritation : No data available
Serious eye damage/eye irritation : No data available
Respiratory or skin sensitization : No data available
Germ cell mutagenicity : No data available
Carcinogenicity : IARC: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity : No data available
Specific target organ toxicity - single exposure : No data available
Specific target organ toxicity - repeated exposure : No data available
Aspiration hazard : No data available
Potential health effects
Inhalation : May be harmful if inhaled. May cause respiratory tract irritation.
Ingestion : May be harmful if swallowed.
Skin : May be harmful if absorbed through skin. May cause skin irritation.
Eyes : May cause eye irritation.
Signs and Symptoms of Exposure : Nausea, Vomiting, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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Toxicity : No data available.
Persistence and degradability : No data available.
Bioaccumulative potential : No data available.
Mobility in soil : No data available.
Results of PBT and vPvB assessment : No data available.
Other adverse effects : No data available

13. Disposal consideration

Disposal instructions : Discharge, treatment, or disposal may be subject to national, state, or local laws.
Contaminated packaging : Offer rinsed packaging material to local recycling facilities. Since emptied containers retain product residue, follow label warnings even after container is emptied.

14. Transport Information

	UN No.	UN proper shipping name	Hazard Class(es)	Packaging group	Marine Pollutant
DOT			Not Regulated		
IMDG			Not Regulated		
IATA			Not Regulated		

15. Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture
No Data Available.

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