

DR. J. PHARMACHEM PVT. LTD.

Regd. Office : 722/AB/15, "Nirmal", Laxmi Park Colony, Navi Peth, Pune - 411030, India
Telephone : +91 (20) 24530071
Email : info@jpharmachem.com, Web : www.jpharmachem.com
Factory : Plot No. - 311, Sector- 10, Bhosari, Pune, India, 411035



(an ISO 9001:2016 Certificate Company)

Safety Data Sheet POTASSIUM BENZOATE

Revision date :

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NUMBER

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Chemical Name Potassium Benzoate
CAS NO. 582-25-2

1.2 Relevant identified uses of the substance or mixture and uses advised against

1. Potassium Benzoate is used in Whistling rockets.
2. Potassium benzoate used as a preservative in food, cosmetics, adhesives, cleaning products and oral care. It can be also used as a sweetener in food products.

Details of the supplier of the safety data sheet

COMPANY DR. J. PHARMACHEM PVT LTD

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Physical and Chemical Hazards Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
Human Health None
Environment None

This substance is not classified as dangerous according to Directive 67/548/EEC.

2.2 Labelling according Regulation (EC) No 1272/2008 [CLP]

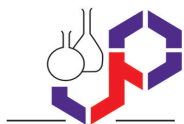
Label elements The product does not need to be labelled in accordance with EC directives or respective national laws.
Hazard statement(s) None
Precautionary statement(s) None
According to European Directive 67/548/EEC as amended The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other hazards None.

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Component
Chemical Name Potassium Benzoate
CAS NO 582-25-2
EC Number 209-481-3



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Molecular Formula	C7H5KO2
Molecular Weight	160.21 g/mol.
Concentration	99 % min (other impurities & unreacted component 1 %)

4 FIRST AID MEASURES

4.1 Description of first aid measures

General advice

No data available.

If inhaled

If breathed in, move person into fresh air.
If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person.
Rinse mouth with water

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

5 FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides, Potassium oxides.

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

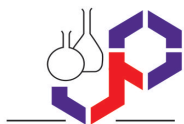
No data available.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions protective equipment and emergency procedures

Avoid dust formation.
Avoid breathing vapours, mist or gas.

6.2 Environmental precautions



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Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel.

Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed.

Normal measures for preventive fire protection.

7.2 Information about protection against explosions and fires

No data available.

7.3 Conditions for safe storage including any incompatibilities

Store in cool place.

Keep container tightly closed in a dry and well-ventilated place.

7.4 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Ingredients Comments

No data available.

8.2 Exposure control

No data available.

Appropriate engineering controls

General industrial hygiene practice.

Technical measures/Precautions

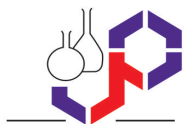
No data available.

Personal protective equipment

None

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).



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Hands 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 work-place.,

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

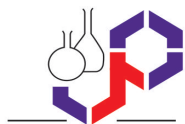
Respiratory protection is not required.

Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks.

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9 PHYSICAL AND CHEMICAL PROPERTIES

a) Appearance	White Fine powder free of visible impurities
b) Odour	No data available.
c) Odour Threshold	No data available.
d) pH (% solution in water)	6-8
e) Melting point/freezing point	No data available.
f) Initial boiling point and boiling range	No data available.
g) Flash point	No data available.
h) Evaporation rate	No data available.
i) Flammability (solid or gas)	No data available.
j) Upper/lower flammability or explosive limits	No data available.
k) Vapour pressure	No data available.
l) Vapour density	No data available.
m) Relative density	No data available.
n) Water solubility	73.83 g/100ml
o) Partition coefficient: n-octanol/water	No data available.



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p) Autoignition temperature	No data available.
q) Decomposition temperature	No data available.
r) Viscosity	No data available.
s) Explosive properties	No data available.
t) Oxidizing properties	No data available.

9.2 Other safety information

Bulk Density	No data available.
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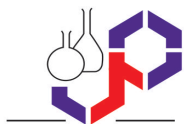
10 STABILITY AND REACTIVITY

10.1 Reactivity	No data available.
10.2 Chemical stability	No data available.
10.3 Possibility of hazardous reactions	No data available.
10.4 Conditions to avoid	Avoid moisture.
10.5 Incompatible materials	Strong oxidizing agents.
10.6 Hazardous decomposition products	Other decomposition products - No data available

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	No data available.
Acute oral toxicity	No data available.
Acute Inhalation toxicity	No data available.
Acute dermal toxicity	No data available.
Acute Irritation / corrosion toxicity	No data available.
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	None
IARC	No component of this product present 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.



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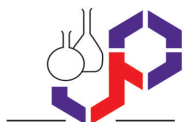
Specific target organ toxicity - single exposure	No data available.
Specific target organ toxicity - repeated exposure	No data available.
Signs and symptoms of exposure	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Route of exposure	No data available.
Aspiration hazard	No data available.
Potential health effects	None
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.
RTECS	No data available.

12 ECOLOGICAL INFORMATION

12.1 Toxicity	No data available.
Toxicity to fish	None
Toxicity to daphnia and other aquatic invertebrates	None
Toxicity to Algae/Aquatic plants	None
Toxicity to microorganisms	None
12.2 Persistence and degradability	
Biodegradation	No data available.
12.3 Bio accumulative potential	No data available.
12.4 Mobility in soil	No data available.
12.5 Results of PBT and vPvB assessment	No data available.
12.6 Other adverse effects	No data available.

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods



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Product

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

Contaminated packaging

Dispose of as unused product.

14 TRANSPORT INFORMATION

14.1 UN number

ADR/RID

IMDG

IATA

-

-

-

14.2 UN proper shipping name

ADR/RID

IMDG

IATA

Not dangerous goods

Not dangerous goods

Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID

IMDG

IATA

-

-

-

14.4 Packaging group

ADR/RID

IMDG

IATA

-

-

-

14.5 Environmental hazards

ADR/RID

IMDG Marine pollutant

IATA

No

No

No

14.6 Special precautions for user

No data available.

15 REGULATORY INFORMATION

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

15.1 Safety health and environmental regulations/legislation specific for the substance or mixture

No data available.

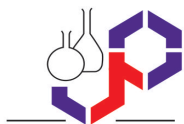
15.2 Chemical Safety Assessment

No data available.

16 OTHER INFORMATION

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our



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knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Dr J Pharmachem (India) and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.jpharmachem.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale

Month of Revision :- March 2027

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