



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : P 12829
Product Name : POTASSIUM HYDROGEN PHTHALATE

Manufacturer/supplier identification
Company : NICE Chemicals (P) Ltd., Cochin, India
Tel - 0484 2800212, 2802755

Contact for information : Tel. No.- 0484 2802536 Fax : 0484 2802483
Emergency Telephone No. : 0484 2801583 Tele fax No. : 0484 2802483

2. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : POTASSIUM BIPHTHALATE; PHTHALIC ACID MONOPOTASSIUM SALT

CAS-No : 877-24-7 Ec-Index No. :
Molar Mass : EC-No. : 212-889-4
Molecular formula : $C_8H_5KO_4$

3. HAZARDS INDEX

According to the evaluative data are available, a classification according to categories of danger as specified in Directive 67/548/EEC and laid down in the legislation of the country concerned is not required .

4. FIRST AID MEASURES

Eye and skin contact : Rinse out with water. Remove contaminated clothing.
After inhalation : Fresh air

After swallowing : Make victim drink plenty of water (if induce vomiting,
summon doctor.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : In adaption to materials stored in the
immediate neighbourhood.
Special risks : Combustible.

6. ACCIDENTAL RELEASE MEASURES

Take up dry. Forward for disposal. Clean up affected area.



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7. HANDLING AND STORAGE

Handling - No further requirement.

Storage - Tightly closed and dry at room temperature. (+15° C to +25° C)

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory protection : Required when dusts are generated.

Eye Protection : Required

Hand Protection : Required

Industrial hygiene: Immediately change contaminated clothing. Wash hands and face after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	Colourless
Odour	:	Odourless
pH value at 50 g/l H ₂ O (20° C)	:	Near 4.0
Melting temperature	:	295 - 300° C
Boiling temperature	:	Not available
Ignition temperature	:	Not available
Flash Point	:	Not applicable
Explosion limit lower	:	Not available
upper	:	Not available
Relative vapour density	:	Not available
Density	:	1.636 gm/cm ³
Bulk density	:	Near 900 Kg/m ³
Solubility in Water (20° C)	:	80 gm/l.
Ethanol (20 C)	:	sparingly soluble
Water (100 C)	:	319 gm/l.
Thermal decomposition	:	~ 297° C

10. STABILITY AND REACTIVITY

Conditions to be avoided : No information available

Substances to be avoided : No information available

Hazardous decomposition products : No information available

Further information : Protective from moisture.



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11. TOXICOLOGICAL INFORMATION

Acute toxicity : LD₅₀ (oral, rat) : > 3200 mg/kg.

Sub acute to chronic toxicity : So far no data are available on impairment of reproductive performance.

Aqueous solution : Irritations of skin, eyes and mucous membrane. The product should be handled with care usual when dealing with chemicals.

12. ECOLOGICAL INFORMATION

No ecological problems are to be expected when the product is handled and used with due care and attention.

13. DISPOSAL METHOD

There are no uniform EC Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws & regulations. We recommend that you contact either the authorities in charge/approved waste disposal companies which will advise you on how to dispose of special waste.

Disposal in compliance with official regulations, Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non - contaminated packaging may be treated like household waste or recycled.

14. TRANSPORT INFORMATION

Not subject to transport regulations.

15. REGULATORY INFORMATION

Labeling according to EC Directives

Symbol : ---

R-phrases : ---

S-phrases : ---

Water pollution class : 1 (slightly polluting substance)



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16. OTHER INFORMATION

The information contained herein is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.