



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : P 11829
Product Name : POTASSIUM CHLORIDE

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 : 7447-40-7 Ec-Index No. : -----
Molar Mass : ---- EC-No. : 231-211-8

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

After inhalation (large amounts of dusts) : Fresh air.
Consult doctor if feeling unwell.

After skin contact (particles, dusts) : Wash off under running water.
Remove contaminated clothing.

After eye contact (particles, dusts) : Rinse out with plenty of water with the eyelid held wide open. Summon eye specialist if necessary.

After swallowing (particles, dusts) : Drink plenty of water. Induce vomiting.
Summon doctor.

5. FIRE-FIGHTING MEASURES

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

Special risks : Non-Combustible. Ambient fire may liberate hazardous vapours.
The following may develop in event of fire : hydrochloric acid.
Special protective equipment for fire fighting : Do not stay in dangerous zone



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without self-contaminated breathing apparatus.

Other information :

Prevent fire-fighting water from entering surface water or groundwater.

6. ACCIDENTAL RELEASE MEASURES

Person-related precautionary measures : Avoid generation of dusts;
do not inhale dusts.

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

7. HANDLING AND STORAGE

Handling - No further requirement.

Storage - Tightly closed. Dry. At +15° C to +25° C

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory protection : Required when dusts are generated.

Eye Protection : Required

Hand Protection : Required

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Industrial hygiene : Wash hands after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|--|---|--------------------------|
| Form | : | Solid |
| Colour | : | White |
| Odour | : | Odourless |
| pH value at 50g/l H ₂ O (20° C) | : | 5.5 - 8.5 |
| Melting temperature | : | 772° C |
| Boiling temperature | : | 1413° C |
| Ignition temperature | : | Not available |
| Flash Point | : | Not flammable |
| Explosion limit lower | : | Not applicable |
| upper | : | Not applicable |
| Relative vapour density | : | Not available |
| Density (20° C) | : | 1.98 gm/cm ³ |
| Bulk density | : | ~ 1000 Kg/m ³ |
| Solubility in Water (20° C) | : | 330 gm/l. |
| Ethanol(20° C) | : | Almost insoluble. |

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10. STABILITY AND REACTIVITY

Conditions to be avoided : No information available
Substances to be avoided : No information available
Hazardous decomposition products : No information available

11. TOXICOLOGICAL INFORMATION

Acute Toxicity : LD₅₀ (oral, rat) : 2600 mg/kg
Further toxicological Information :
After skin contact : No irritation.
After Eye contact : No irritations.
After swallowing of large amounts : cardiac dysrhythmia, cardiovascular failure
Further data : However, when the product is handled appropriately, hazardous effects are unlikely to occur.

12. ECOLOGICAL INFORMATION

Ecotoxic effects :
Quantitative data on the ecological effect of this product are not available.

Further ecologic data : 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 : ----

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Water pollution class : 1 (slightly polluting substance)

16. OTHER INFORMATION :

Reason for alteration

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.