



SAFETY DATA SHEET

1. Identification of the preparation and of the company

Catalogue No. : P 13629
Product Name : POTASSIUM SULPHATE

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 Pyrosulfate

CAS-No : 7778-80-5 EC-Index No. : ----
Molar Mass : ---- EC-No. : 231-915-5
Molecular Formula : K_2O_4S

3. Hazards Index

According to the evaluative data 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 : Fresh air.
After eye contact : Rinse out with water
After skin contact : Wash off with water.
After swallowing (large amounts) : Consult doctor if feeling unwell.

5. Fire-fighting measures

Suitable extinguishing media : In adaption to materials stored in the immediate neighbourhood.
Special risks : No information available.
Other information : Non-combustible. Contain escaping vapours with water.

6. Accidental Release

Person-related precautionary measures :

Measures

Avoid generation of dusts; do not inhale dusts.



SAFETY DATA SHEET

Catalogue No. : **P 13629**
Product Name : **POTASSIUM SULPHATE**

Procedure for cleaning/absorption : Take up dry. Forward for disposal.
Clean up affected area.

7. Handling and storage

Handling : No further requirements.
Storage : Tightly closed. Dry.
Storage temperature : No restrictions.

8. Exposure controls/ personal protection

Respiratory protection : Required when dusts are generated.
Eye protection : Required
Hand protection : Not Required
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 - 7.5
Melting temperature	:	1069° C
Boiling temperature	:	1689° C
Ignition temperature	:	Not available
Flash Point	:	Not applicable
Explosion limit lower	:	Not available
upper	:	Not available
Relative vapour density	:	Not available
Density (20° C)	:	2.66 gm/cm ³
Bulk Density	:	~1400 kg/m ³
Solubility in Water (20° C)	:	110 gm/l.
Water (100° C)	:	240 gm/l.

10. Stability and reactivity

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

11. Toxicological Information

Acute toxicity : LD₅₀ (oral, rat) : 6600 mg/kg;
Further toxicological information : Hazardous properties are relatively improbable.



SAFETY DATA SHEET

Catalogue No. : P 13629
Product Name : POTASSIUM SULPHATE

After uptake of large quantities : Symptoms in : gastrointestinal tract.

12. Ecological Information

Ecotoxic effects :

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

Further ecologic data : The following applies to sulphate in general :

Biological effects : fish : toxic as from 7 gm/lt. ; bacteria : toxic as from 2.5 gm/lt.
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 and regulations. We recommend that you contact either the authorities in charge or 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

Labelling according to EC Directives

Symbol : ---

R-phrases : ---

S-phrases : ---



SAFETY DATA SHEET

Catalogue No.	:	P 13629
Product Name	:	POTASSIUM SULPHATE

Water pollution class: 1 (slightly polluting substance)

16. Other Information

Reason for alteration

General update

Addition in the chapter ecology

Addition in the chapter toxicology

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