



SAFETY DATA SHEET

1. Identification of the preparation and of the company

Catalogue No. : P 13229
Product Name : POTASSIUM OXALATE

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 : Oxalic Acid Potassium Salt

CAS-No : 6487-48-5 EC No. : 209-506-8
Molar Mass : 184.24 EC Index No. : 607-007-00-3
Molecular Formula : $C_2K_2O_4 \cdot H_2O$

3. Hazards Identification

Harmful in contact with skin and if swallowed.

4. First Aid Measures

After inhalation : Fresh air.
After skin contact : Wash off with plenty of water.
Remove contaminated clothing.
After eye contact : Rinse out with plenty of water with the eyelid held wide open.
After swallowing : Make victim 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: None

Other information : Non-combustible. Contain escaping vapours with water.

6. Accidental release Measures

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

Procedures 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.



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8. Exposure controls/ Personal protection

Respiratory protection: Required when dusts are generated

Eye Protection : Required

Hand Protection : Required

Industrial hygiene : Change contaminated clothing.

Wash hands and face after working with substance.

9. Physical and Chemical Properties

Form	:	Solid
Colour	:	White
Odour	:	Odourless
pH value at 50 g/l H ₂ O (20° C)	:	7.0 - 8.5
Melting temperature	:	Not available
Boiling temperature	:	Not available
Ignition temperature	:	Not available
Flash Point	:	Not available
Explosion limit lower	:	Not available
upper	:	Not available
Relative vapour density	:	Not available
Density (20° C)	:	2.13 gm/cm ³
Bulk Density	:	~700 - 1100 kg/m ³
Solubility in Water (20° C)	:	360 gm/lit.
Log P(oct)	:	-0.81

10. Stability & reactivity

Conditions to be avoided : Heating

Substances to be avoided : No information available

Hazardous decomposition products : No information available

11. Toxicological Information

Acute toxicity : LDLo (oral, human) : 1000 mg/kg (anhydrous substance);

Further toxicological information ;

After inhalation of dusts : Mucosal irritations

After skin contact : Local irritation symptoms. Danger of skin absorption.

After eye contact : Slight irritation symptoms.

The following applies to oxalates in general: nausea and vomiting after swallowing. Mucosal irritations, coughing, and dyspnoea after inhalation.

Systemic effect : drop in the blood calcium level, toxic effect on kidneys, cardiovascular disorders.

Further data :

The product should be handled with the care usual when dealing with chemicals.



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12. Ecological Information

Behavior in environmental compartments :
Distribution : log P(oct) : -0.81
No bioaccumulation is to be expected (log P(o/w) < 1).

Further ecologic data : Biological effects : Toxic for aquatic organisms.
Degradability : BOD : 0.16 g/g COD : 0.18 g/g; ThOD : 0.18 g/g 5
Do not allow to enter waters, waste water, or soil !

13. Disposal Method

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 house-hold waste or recycled.

There are no uniform EC Regulations for the disposal of chemicals or residues.

Chemical residues generally count as special waste. Approved waste disposal companies which will advise you on how to dispose of special waste.

14. Transport information

GGVS/GGVE class : 6.1 Number and letter : 35c
Transport over land ADR/RID class : 6.1 Number and letter : 35c
ADR/RID and GGVS/GGVE Name of material : POTASSIUM OXALATE

Sea Transport IMDG : IMDG class : 6.1 UN No. : 3282 Packing group : III
Ems : 6.1-04 MFAG : 4.2
Correct Technical Name : POTASSIUM OXALATE

Air Transport ICAO-TI : ICAO/IATA class : 6.1 UN No. : 3282
and IATA-DGR Packaging group : III
Correct Technical Name : POTASSIUM OXALATE

15. Regulatory Information

Labeling according to EC Directives

Symbol : Xn Harmful
R-phrases : 21/22 Harmful in contact with skin and if swallowed.
S-phrases : 24/25 Avoid contact with skin and eyes.
EC-No. : 209-506-8 EC label

Water pollution class : 1 (slightly polluting substance) (own classification)



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16. Other Information

Reason for alteration

General update

Change in supplement to physical/chemical parameters.

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.