



SAFETY DATA SHEET

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1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : P 11529
Product Name : POTSSIUM CITRATE
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

CAS-No. : 127-08-2 EC-No. : 204-822-2
EC-Index –No. : ----- M : ----
Chemical formula : CH_3COOK formula Hill : $\text{C}_2\text{H}_3\text{KO}_2$

3. HAZARDS IDENTIFICATION

No hazardous product as specified in Directive 67/548/EEC.

4. FIRST AID MEASURES

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. Call in ophtalmologist if necessary.
After inhalation : Fresh air.
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 : Non-combustible. Ambient fire may liberate hazardous vapours.
Special protective equipment for fire fighting : Do not stay in dangerous zone
without self-contained 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.
Environmental-protection measures : Do not allow to enter sewerage system.
Procedures for cleaning/absorption : Take up dry. Forward for disposal.
Clean up effected area.



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7. HANDLING AND STORAGE

Handling : No further requirements.

Storage : Tightly closed . Dry. In a well- ventilated place.

Storage temperature : No restrictions.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Personal protective equipment :

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

Respiratory protection : Required when dusts are generated.

Eye protection : Required

Hand protection : Use recommended

Industrial hygiene : Wash hands after working with substance.

Change contaminated clothing . Wash hands after working with substance.

9. PHYSICAL & CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	White
Odour	:	Weakly of acetic acid
PH value at 50g/l H ₂ O(20° C)	:	7.5-8.5
Melting temperature	:	292 °C
Boiling temperature	:	Not available
Ignition temperature	:	Not available
Flash point	:	>250 ° C
Explosion limits lower	:	Not available
Upper	:	Not available
Vapour pressure	:	Not available
Density (20° C)	:	1.57 g/cm ³
Bulk density	:	500 kg/m ³
Solubility in water(20°C)	:	2530 g/l
Ethanol	:	Freely soluble
Ether	:	In soluble

10. STABILITY AND REACTIVITY

Conditions to be avoided : Strong heating. Moisture.

Substance to be avoided : No information available.

Hazardous decomposition products : No information available.

Further information : hygroscopic

11. TOXICOLOGICAL INFORMATION

Acute toxicity : LD₅₀(oral, rat) : 3250 mg/kg

Specific symptoms in animal studies :



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Eye irritation test(rabbit) : Slight irritations (OECD 405).
Skin irritation test (rabbit) : No irritation(OECD) 404).
Subacute to chronic toxicity: Bacterial mutagenicity: Ames test: negative.
Further toxicological information :
After inhalation (large amounts of dusts): Irritation symptoms in the
respiratory tract.
After eye contact : Slight irritations. No description of any further symptoms is
available. Further hazardous properties cannot be excluded but unlikely when the
product is handled appropriately.

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

12. ECOLOGICAL INFORMATION

Biologic degradation : Biodegradation: 49% /5d. Readily biodegradable.

Behavior in environmental compartments: Passage from aqueous solution into the
atmosphere is not to be expected.

Ecotoxic effects : Biological effects :
Fish toxicity : Onchorhynchus mykiss LC : >1000 mg/l/96 h.
Daphnia toxicity : Daphnia magna EC₅₀ : 460 mg/l /48 h.
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

Chemicals must be disposed of in compliance with the respective national
regulations.Under [www. retrologistik .de](http://www.retrologistik.de) you will find country- and substance
-specific information as well as contact partners.

Nice product packaging must be disposed of in compliance with the county-
specific regulations or must be passed to a packaging return system. Under
[www. retrologistik.de](http://www.retrologistik.de) you will find special information on the respective
national conditions as well as contact partners

14. TRANSPORT INFORMATION

Entire package : Not subject to transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol : -----
R-phrases : -----
S-phrase : -----

Water pollution class : -----



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16. OTHER INFORMATION

Chapter 9: change /addition in physical /chemical properties.

Chapter 11 : toxicological information.

Chapter 12: ecological information.

General update.

Regional representation :

This information is given on the authorised Safety Data Sheet for your country.

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.