



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : P 12479
Product Name : tri-POTASSIUM 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

Synonyms : Tri potassium citrate, Citric acid potassium salt

CAS-No. : 6100-05-6 EC-No. : 212-755-5
EC-Index –No. : ----- M : 324.42 g/mol
Molecular formula : $C_6H_5K_3O_7 \cdot H_2O$

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.
After eye contact : rinse out with water.
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 : Combustible.

6. ACCIDENTAL RELEASE MEASURES

Person-related precautionary measures: Take up dry.
Forward for disposal. Clean up effected area.
.
Environmental-protection measures : Do not allow to enter sewerage system
.
Procedures for cleaning/absorption: Take up dry. Forward
For disposal. Clean up effected area. Avoid generation of dusts.

7. HANDLING AND STORAGE

Handling : store protected from solvents.
Storage : Tightly closed . Dry. Store at + 15° C to + 25° C.



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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 : Required

Industrial hygiene : Wash hands after working with substance.
Change contaminated clothing . Wash hands 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)	:	7.5-9.5
Melting temperature	:	230°C (decomposition)
Boiling temperature	:	Not available
Ignition temperature	:	Not available
Flash point	:	Not available
Explosion limits lower	:	Not available
Upper	:	Not available
Density (20° C)	:	1.98 g/cm ³
Bulk density	:	800 kg/m ³
Solubility in water(25°C)	:	1670 g/l
Thermal decomposition	:	>230 ° C

10. STABILITY AND REACTIVITY

Conditions to be avoided : No information available.
Substance to be avoided : No information available.
Hazardous decomposition products : No information available.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: LD₅₀(oral, rat) : 3000 mg/kg(in analogy to Similar products)
Further toxicological information : Therapeutically used substance.
Further data : The product should be handled with the care usual when dealing with chemicals. Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.



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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

Chemicals must be disposed of in compliance with the respective national regulations. Under 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 you will find special information on the respective national conditions as well as contact partners

14. TRANSPORT INFORMATION

Not subject to transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

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

Water pollution class : -----

16. OTHER INFORMATION

Reason for alteration :

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.
