



SAFETY DATA SHEET

SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : T 10125
Product Name : TARTARIC ACID

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 : 2,3 Dihydroxybutanedioic acid

CAS-No : 87-69-4 Ec-Index No. :
Molar Mass : ---- EC-No. : 201-766-0
Molecular Formula : C₄H₆O₆

3. HAZARDS IDENTIFICATION :

Irritating to eyes.

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. Summon eye specialist.
After inhalation : Fresh air.
After swallowing : Make victim drink plenty of water, induce vomiting.
Summon Doctor.

5. FIRE-FIGHTING MEASURES :

Suitable extinguishing media: Powder, foam, spray water.
Fire extinguisher: Powder for glowing fire : Carbon dioxide
Special risks : Combustible. Development of hazardous combustion gases or
vapours possible in the event of fire.
Special protective equipment for fire fighting : Do not stay in dangerous zone
without self-contained clothing apparatus.
Other information :
Prevent fire-fighting water from entering surface water or ground water.

6. ACCIDENTAL RELEASE

Person related precautionary measures : Avoid generation of dusts; do not inhale Measure dusts. Ensure supply of fresh air in enclosed rooms



SAFETY DATA SHEET

Catalogue No. : T 10125
Product Name : TARTARIC ACID

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. No further requirements.
Storage temperature : No restrictions.

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: Change contaminated clothing. Application of skin-protective barrier cream recommended. Wash hands after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES :

Form	:	Solid
Colour	:	White
Odour	:	Odourless
pH value at 100g/l H ₂ O(20° C)	:	10.2 - 10.6
Melting temperature	:	170° C
Boiling temperature	:	Not available
Ignition temperature	:	Not available
Flash Point	:	Not applicable
Explosion limit lower	:	Not available
upper	:	Not available
Relative vapour density	:	Not available
Density (20° C)	:	1.76 gm/cm ³
Bulk density	:	Near 500 Kg/m ³
Solubility in Water (20° C)	:	1390 gm/l.
Water (100° C)	:	3430 gm/l.
Log P(oct)	:	-0.76

10. STABILITY & REACTIVITY :

Conditions to be avoided : No information available



SAFETY DATA SHEET

Catalogue No. : T 10125
Product Name : TARTARIC ACID

Substances to be avoided : Fluorine, silver, metals
Hazardous decomposition products : No information available

11. TOXICOLOGICAL INFORMATION

Acute toxicity : Quantitative data on the toxicity of this product are not available.
Further toxicological information : Naturally occurring substance.
After inhalation of dust : In high doses: slight irritation symptoms.
After skin contact : Irritation.
After eye contact : Irritations. Risk of corneal clouding.
After swallowing : diarrhoea.
Further data : Further hazardous properties cannot be excluded.

12. ECOLOGICAL INFORMATION :

Behavior In Environmental Compartments :

Distribution : log P(oct) : -0.76 (calc.)

Ecotoxic effects : Degradability : BOD₅ : 0.35 g/g.; COD : 98% of ThOD;
ThOD : 0.533 g/g. Biological effects : C.auratus LC₀ : 200 mg/lt.

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 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

Labeling according to EC Directives

Symbol : Xi Irritant

R-phrases : 36 Irritating to eyes.



SAFETY DATA SHEET

Catalogue No. : T 10125
Product Name : TARTARIC ACID

S-phrases : 24/25 Avoid contact with skin and eyes.

Water pollution class: 0 (generally nonpolluting substance) (own classification)

16. OTHER INFORMATION :

Reason for alteration
Change in product name.

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.
