

1. CHEMICAL IDENTIFICATION AND COMPANY
INFORMATION

Product Name:	CITRIC ACID
Reference:	SD6006
Field of application:	Food, in vitro analysis (wine and others)
Information in case of emergency:	National Institute of Toxicology (+34-91-5620420)
Reagent Supplier:	Sinatech Analytical Systems SL
Address:	Av. Parc tecnològic Vallès 3 08290 Cerdanyola Barcelona, Spain
Tel:	+34 93 5820205
e-Mail:	info@sinatech.es
Web site:	www.sinatech.es

2. COMPOSITION OF PRODUCT AND INFORMATION
OF INGREDIENTS

Dangerous components:	R1A: Sodium azide (247-852-1, CAS 26628-22-8) R1B: None R2A: Sodium azide (247-852-1, CAS 26628-22-8) R2B: None
Chemical characterization:	R1A: Tri-hidroximetilaminometane (TRIS) buffer 100 mM, Malate dehydrogenase, Sodium azide <0.1% R1B: Tri-hidroximetilaminometane (TRIS) buffer 100 mM, NADH 2 mM R2A: Tri-hidroximetilaminometane (TRIS) buffer 100 mM, Sodium Azide <0.1% R2B: Lyophilized Citrate liase

3. PHYSICAL AND CHEMICAL CHARACTERISTICS

Form, color and pH:	R1A: Liquid, colorless, odorless, pH 9.0 R1B: Liquid, colorless, odorless, pH 6,9 R2A: Liquid, colorless, odorless pH 8.0 R2B: Lyophilized Citrate liase
Solubility in water:	Soluble in water
Flammable/non flammable:	non-flammable
Explosive/non explosive:	non-explosive

4. IDENTIFICATION OF HAZARDS

Classification:	Not hazardous according to Regulation (EC) No. 1272/2008
Pictogram:	None
Signal word:	None
Hazard statements:	None

Precautionary statements: None

5. HEALTH EFFECTS

Data not available

6. EMERGENCY FIRST AID PROCEDURES

Eye contact: Wash eyes immediately with plenty of water
 Skin contact: Wash with plenty of water
 Ingestion: Requires medical control

7. ACCIDENTAL SPILLAGE MEASURES

After spillage: Wash with plenty of water
 Absorbent material: Universal binder
 Special measures: Not necessary

8. HANDLING AND STORAGE

Handling: No special requirements
 Storage: 2 - 8 °C
 Do not store together: No restriction

9. PERSONAL PROTECTION EXPOSURE CONTROL

Respiratory protection: None
 Eye protection: Safety glasses
 Hand protection: Disposable gloves

10. STABILITY AND REACTIVITY

Hazardous decomposition products: None known if used properly
 Avoidable conditions & substances: None

11. FIRE FIGHTING MEASURES

Appropriate extinguishing agent: No restriction
 Thermal decomposition: No danger

12. TOXICOLOGICAL INFORMATION

Data not available

13. ECOLOGICAL INFORMATION

Ecotoxicological information: Data not available
 Biological degradability: Data not available
 Biological effects: Data not available
 Water hazard: Irrelevant

14. DISPOSAL CONSIDERATIONS

Waste disposal: Dilute with water before getting into the local sewer system according to local regulations.
 Disposal of empty packaging: As per local regulations

15. TRANSPORT INFORMATION

Not subject to current regulations for transportation of hazardous goods.

16. OTHER INFORMATION

This safety datasheet complies with the requirements of Regulation UE 453/2010
 Not for use in humans or other animals

The information provided herein is believed to be correct as of the date hereof and excludes any guarantee related to the final use given to the product being the recipient the last responsible for observing the local laws applicable in each case.