

**1. CHEMICAL IDENTIFICATION AND COMPANY INFORMATION**

Product Name:	<b>D-LACTIC ACID</b>
Reference:	SD6023
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:	<a href="mailto:info@sinatech.es">info@sinatech.es</a>
Web site:	<a href="http://www.sinatech.es">www.sinatech.es</a>


**2. COMPOSITION OF PRODUCT AND INFORMATION OF INGREDIENTS**

Dangerous components:	R1: Sodium azide (247-852-1) R2: Etilenglicol (203-473-3)
Chemical characterization:	R1: Trihydroxyaminomethane 200mM buffer, D-Lactate Dehydrogenase  R2: Trihydroxyaminomethane 200mM buffer, NAD <sup>+</sup> 20 Mm

**3. PHYSICAL AND CHEMICAL CHARACTERISTICS**

Form, color and pH:	R1: Liquid, colorless, odorless, pH 9.0 R2: Liquid, colorless, odorless, pH 2.5
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:	R1: 
Signal word:	WARNING
Hazard statements:	R1: H302

Precautionary statements: R1: P301+P310

**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 freeze
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.