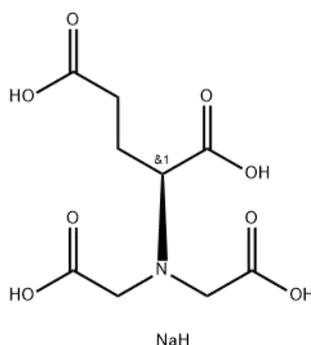


## Glutamic Acid,N,N-diacetic Acid, Tetra Sodium Salt (GLDA.Na4)

<b>CAS No.</b>	51981-21-6	<b>EINECS No.</b>	257-573-7
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>9</sub> NO <sub>8</sub> Na <sub>4</sub>	<b>Molecular Weight</b>	351.1

### Structural Formula



### Product Features

GLDA.Na4 is mainly prepared from plant-based raw material,L-glutamate.

GLDA.Na4 is environmental friendly, safe and reliable in utilization, easily biodegradable.

GLDA.Na4 is a metal ion chelation agent, and can form stable water soluble complexes with metal ion. It has good solubility in wide pH range with powerful decontamination ability and can achieve synergistic effect with biocides in systems.

GLDA.Na4 can be widely used as substitute for chelation agent (e.g. NTA, EDTA, etc.) in high polymer chemistry industry, household chemical industry, pulp & paper industry, pharmaceuticals industry, aquaculture, textile dyeing and printing industry, oil field, water treatment industry, boiler cleaning, etc.

### Technical Specification

Items	Index	
	Appearance	Amber transparent liquid
Active content, %	38.0 min	47.0 min
pH(1% water solution)	11.0~12.0	11.0~12.0

## Applications & Usage

GLDA.Na4 shows excellent chelating ability, and can replace the traditional chelating agent.

Typical chelation value to several kinds of metal ion:

45 mg Ca<sup>2+</sup>/g GLDA.Na4

72mg Cu<sup>2+</sup>/g GLDA.Na4

75 mg Zn<sup>2+</sup>/g GLDA.Na4

## Package & Storage

GLDA.Na4 Liquid			GLDA.Na4 Solid	
25L Drum	200L Drum	1000L IBC	25kg Bag	Bulk Bag
				
Storage for 10 months in shady room and dry place.				

## Hazard & Safety Precaution

Hazard Information	Safety Precaution
 <p>Liquid: Corrosive, Class 8, UN 3267            Solid: Non-hazardous chemical</p>	
Once contacted with eye and skin, flush with plenty of clean water.	