

Methylglycine N,N-diacetic acid, Trisodium Salt(MGDA.Na3)

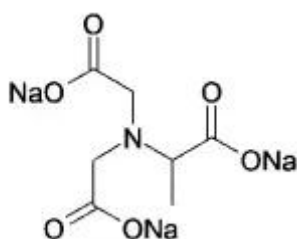
CAS No.: 164462-16-2

EC Number: 423-270-5

Molecular Formula: C₇H₁₁NO₆·3Na

Molecular Weight: 271.11

Structural Formula:



Properties:

MGDA.Na3 is an environmentally friendly small molecule chelating agent, similar in structure to NTA, easily biodegradable and phosphorus-free.

Specification:

Items	Index
Appearance	Light yellow transparent liquid
Active content, %	40.0 min
pH(1% water solution)	11.0-12.0

Usage:

MGDA.Na3 is widely used in laundry & dish washing, personal care and household Cleaning. In household cleaning, can replace phosphorous containing builders in dishwashing detergents. **MGDA.Na3** enhances the cleaning power of a cleaner / detergent by sequestering hard water ions from water and dirt. It prevents the deactivation of surfactants from hard water metal ions. It also deactivates transition metal ions thus

stabilizing detergents that contain peroxides. In industrial & Institutional cleaning, [MGDA.Na3](#) forms stable, water-soluble metal complexes with all potentially harmful metal ions. It dissolves existing and prevents new scales from causing problems in water circulation equipment (in e.g. the power, brewing, and sugar industries). Because of its low molecular weight this chelate performs very well in short contact cleaning. MGDA.Na3 is also very suitable as a metal carrier, a stabilizer of process baths and for neutralizing trace impurities.

Package and Storage:

Liquid: 200L plastic drum,IBC(1000L),customers' requirement.

Solid: 25kg/bag, customers' requirement.

Storage for ten months in shady room and dry place.

Safety Protection:

Avoid contact with eye and skin, once contacted, flush with water.

Synonyms:

[Trisodium Dicarboxymethyl Alaninate](#)

[top](#)

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