

TSGD (Tetrasodium Glutamate Diacetate)

Specification Sheet

Description: High purity, versatile and readily biodegradable chelating agent based upon L-glutamic acid, a natural and renewable raw material. Also known as GLDA chelate. Actives: 46-48%.

CAS: 7732-18-5, 51981-21-6

INCI Name: Water, Tetrasodium Glutamate Diacetate

Composition: Water, Tetrasodium Glutamate Diacetate

Appearance: Yellowish liquid, ammonia odor.

Benefits:

- Excellent chelating effectiveness controlling metal catalyzed decomposition.
- Reduces water hardness and prevents precipitations.
- Boosts performance of preservatives improving shelf life.
- Stabilizes the pH value and is effective in wide pH range.
- Does not sensitize human skin.
- Completely biodegradable as compared to phosphates and phosphonates.
- Effective alternative to EDTA.

Use: Typical use level 0.1-0.5%. Add at the end of formulation process or to water phase of emulsions. For external use only.

Applications: All kinds of cosmetic products like creams, lotions, shampoos, conditioners, makeup products, sunscreen products, hair colorings, powders, personal care wipes.

Solubility: Water-soluble

Preservation: Preservative-free

Storage: Store in a closed container at a dry place at room temperature.

Country of Origin: China

Raw material source: L-glutamic acid



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Manufacture: Tetrasodium glutamate diacetate is manufactured from L-glutamic acid which is made by aerobic fermentation of sugars and ammonia.

Animal Testing: Not animal tested.

GMO: GMO-free

Vegan: Does not contain animal-derived components.

HS Code: 2915290000

California Prop 65: WARNING: This product can expose you to chemicals including formaldehyde < 80 ppm, which is known to the State of California to cause cancer or reproductive toxicity. For more information, go to www.P65Warnings.ca.gov