

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. Actives: 47-50%. pH value 11-12. Yellowish liquid, ammonia odor. Soluble in water.

CAS: 51981-21-6

INCI Name: Tetrasodium glutamate diacetate

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.

Country of Origin: USA

Raw material source: L-glutamic acid

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 (does not contain plant-derived components)

Vegan: Does not contain animal-derived components