

Technical Data Sheet

Amino Acid Surfactant for Personal Care

1. Product Information

Trade Name:	DG02H-95
INCI Name:	Sodium Stearyl Glutamate
CAS NO.:	38517-23-6
TDS No.	PJ01-TDS024
Revision Date:	2023/7/22
Version:	A/2

2. Product Profile

This product is an anionic surfactant made by Glutamate and Stearyl Chloride through chemical reaction. It is white or off-white powder or particles without mechanical impurities under dry state, without special odor. It's mainly used as emulsifier in skin care products and it could also be used in formula to build viscosity and increase solid content.

3. Product Properties

- ❖ Natural origin. Biodegradable.
- ❖ Compatible with other products to enhance its moisture and viscosity.
- ❖ Can adjust the pH of finish product according to formulation.

4. Item·Specifications·Test Methods

NO.	Item	Specification
1	Appearance, 25°C	White or off-white powder and particles without mechanical impurities
2	Odor, 25°C	No special odor
3	Active Substance Content, %	≥95.0
4	Acid Value, mg KOH/g	100.0~140.0
5	Water Content, %	≤5.0
6	Sodium Chloride, %	≤1.0
7	pH Value, 40°C, 5% aqueous solution	5.0 ~ 7.0
8	Heavy Metals, Pb, mg/kg	≤10
9	As, mg/kg	≤2

5. Usage Level (calculated by active substance contents)

≤67.12% (Rinse-off); ≤2% (Leave-on)

6. Package

25 KG/Carton

7. Shelf Life

Unopened, 18 months from date of manufacture when stored properly.

8. Notes for storage and handling

Store in dry and well-ventilated place, and avoid direct sunlight. Protect it from rain and moisture. Keep container sealed when not in use. Do not store it together with strong acid or alkaline. Please handle with care to prevent damage and leakage, avoid rough handling, dropping, falling, dragging or mechanical shock.



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