

Technical Data Sheet

Amino Acid Surfactant for Personal Care

1. Product Information

INCI Name:	Sodium Myristoyl Glutamate
CAS NO.:	38517-37-2
Revision Date:	2023/12/1
Version:	A/2

2. Product Profile

This product is an anionic surfactant made by Glutamate and Myristoyl Chloride through chemical reaction. It is white or off-white powder under dry state, without special odor, mainly used as raw material for facial care products such as facial cream and facial cleanser and also oral care products.

3. Product Properties

- ❖ Natural origin. It has unique moisturizing performance with low irritation to skin.
- ❖ It is compatible with other surfactants to enhance its properties of viscosity and moisturizing.
- ❖ The pH value of the final product can be adjusted flexibly according to request of the formula.

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 Content, %	≥95.0
4	Acid Value, mg KOH/g	120.0~150.0
5	Water Content, %	≤5.0
6	Sodium Chloride, %	≤1.0
7	pH Value, 40°C, 5% aqueous solution	5.0~6.5
8	Heavy Metals, Pb, mg/kg	≤10
9	As, mg/kg	≤2

5. Usage Level (calculated by active contents)

≤ 35.2% (Rinse-off); ≤ 2.56% (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.