

PRODUCT DATA SHEET:

Stearates - High Purity Grade



Life Sciences

Stearates - Sodium Stearate - Veg 35/65

Sodium - 945-G: Sodium stearates are used as lubricants, surfactants, emulsifiers, waterproof agents, and gelling agents in personal care, cosmetics, rubber, polymer and food applications. Their key end use lies in the manufacture of deodorant sticks, facial soaps, lotions and ointments.

| TYPICAL PHYSICAL PROPERTIES | |
|-----------------------------|-------------|
| Melting Point (°C) | 210 - 220 |
| Bulk Density (g/ml) | 0.20 - 0.32 |
| % Thru 325 Mesh | 97.0 |
| % Thru 100 Mesh | 99.7 |

BSI Code: 945-G

C.A.S. Number: 822-16-2

68424-38-4

| TYPICAL CHEMICAL PROPERTIES | |
|--|-------------|
| Grade | Vegetable |
| Sulphated Ash (%) | 22.5 - 23.5 |
| Free Fatty Acid (max %) | 2.0 |
| Fatty Acid Composition C ₁₆ | 28 - 40 |
| Fatty Acid Composition C ₁₈ | 58 - 72 |
| Moisture (max %) | 2.0 |
| Iodine Value (gI ₂ /100g max) | 1.0 |

Storage: 24 months from date of manufacture in the original sealed container at ambient temperature. Store away from excessive heat and humidity.

Handling Precautions: Please refer to the Sodium Stearate Safety Data Sheet.

CFR References:

945-G Sodium Stearate Veg 35/65 is suitable for use in accordance with the following FDA Code of Federal Regulations:

21CFR172.615

21CFR177.2600

21CFR172.863

21CFR179.45

21CFR175.300

21CFR181.29

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Brenntag Specialties, LLC / 1 Cragwood Rd, Suite 302, South Plainfield, NJ 07080 / 800.732.0562