



## Shay and Company

Supplier of Wholesale Oils, Butters, Waxes, Candle Supplies and Essential Oils

### Cetyl Stearyl (Cetearyl) Alcohol MB/RSPO

Lot#P3-143-RN

Country of Origin: Malaysia

Manufacture Date: 06/2023

Expiration Date: 06/2026

**Ingredient Name (INCI):** Cetyl Stearyl Alcohol

**Composition:** 60-80% Stearyl Alcohol, 25-35% Cetyl Alcohol

**Packaging:** Bags

**Description:** White pastilles, slight odor

**Applications:** Skincare, Soap Manufacturing, Hair Care

**CAS no:** 67762-67-0

**Characteristics:** White, waxy beads

**Plant Part Used:** Palm Fruit

**Vegan:** Yes

**Gluten Free:** Yes

**Allergen:** None known

**Not tested on animals**

**Melt Point:** 48-52°C/118.4-125.6°F

**Flash Point:** 163°C/325.4°F

**Boiling Point:** 345°C/653°F

**Saponification:** 1.2 mgKOH/gm

| Analysis                       | Method        | Min | Max | Result |
|--------------------------------|---------------|-----|-----|--------|
| Homolog Distribution (wt%)     | EOB-TM-QA-613 |     |     |        |
| C14 and lower                  |               |     | 5   | 0      |
| C16                            |               | 25  | 35  | 29.1   |
| C18                            |               | 65  | 75  | 70.8   |
| C20 and higher                 |               |     | 2   | .1     |
| Hydrocarbons (wt%)             | EOB-TM-QA-613 |     | 0.5 | 0.13   |
| Acid Value (mgKOH/g)           | AOCS Te 2a-64 |     | 0.1 | 0.01   |
| Saponification Value (mgKOH/g) | AOCS TI 1a-64 |     | 1.2 | 0.1    |
| Iodine Value (g12/100g)        | EOB-TM-QA-607 |     | 0.3 | 0.02   |
| Solidification Point (°C)      | AOCS Cs 12-59 | 49  | 54  | 53     |
| Hydroxyl Value (mgKOH/g)       | EOB-TM-QA-613 | 210 | 219 | 214    |



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Shelf life is guaranteed for three years from time of manufacture when stored in original, unopened container between 59° F to 86°F and protected from light. Shay and Company diligently sources and provides the highest quality ingredients, but it is the customer's responsibility to ensure the products purchase from Shay and Company meets their expectations. Any additional testing will be the responsibility of the customer.