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## DATA SHEET

### SURFAC CETYL ALCOHOL

#### Description

SURFAC CETYL ALCOHOL is a cosmetic grade of natural cetyl alcohol containing a minimum 95% C16 alcohols.

#### Typical Properties

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| Appearance @ 20°C                     | white waxy solid in flake/prill form |
| Density (g/ml) @ 25°C                 | 0.81 approx                          |
| Melting point (°C)                    | 49 approx                            |
| Acid value (mg KOH/g)                 | 0.0 approx                           |
| Saponification value (mg KOH/g)       | 0.3 approx                           |
| Iodine value (g I <sub>2</sub> /100g) | 0.4 approx                           |

#### Specification

|                                       |           |
|---------------------------------------|-----------|
| Hydroxyl value (mg KOH/g)             | 220 - 235 |
| Acid value (mg KOH/g)                 | 0.5 max   |
| Saponification value (mg KOH/g)       | 1.0 max   |
| Iodine value (g I <sub>2</sub> /100g) | 2.0 max   |
| Moisture (Karl Fisher) (%)            | 0.15 max  |
| Colour (APHA)                         | 35 max    |
| C16 alcohols (%)                      | 95 min    |
| C14 alcohols (%)                      | 2.5 max   |

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Issue: 3

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