



TECHNICAL DATA SHEET

DISTRIBUTED BY:

CoastSouthwest™

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Product Name: **ECOROL 68/30 (Cetyl Stearyl Alcohol)**
Blend of long chain natural fatty alcohol

Specs no.: 3680-01/02/12

Synonym: Blend of hexadecanol and octadecanol, Cetearyl alcohol

Formula: Blend of C₁₆H₃₃OH and C₁₈H₃₇OH

CAS: 67762-27-0 **EINECS:** 267-008-6

TYPICAL PROPERTIES

Homolog distribution (wt%)	
C14 & lower	5.0 max
C16	25.0 – 35.0
C18	65.0 – 75.0
C20 & higher	2.0 max
Hydrocarbons	0.50 max
Acid Value (mg KOH/g)	0.10 max
Saponification Value (mg KOH/g)	1.20 max
Iodine Value (g I ₂ /100 g)	0.30 max
Hydroxyl Value (mg KOH/g)	210 - 219
Moisture (wt%)	0.2 max ¹⁾
Color (APHA)	10 max

¹⁾ Bulk only, not known for flakes and pastilles

RECOMMENDED STORAGE & HANDLING CONDITIONS

- Maximum storage temperature: 40 °C for flakes&pastilles; 70 °C for fused products
- Suitable storage materials: steel, epoxy-coated, zinc-coated, stainless steel
- Voyage temperature: 58 - 70 °C
- Discharge/pumping temperature: 63 - 70 °C
- Maximum heating rate per day: 3 °C
- Nitrogen blanketing: yes (max O₂ content: 5%)

GENERAL INFORMATION

- The shelf life of our products is two years after manufactured
- All of Ecogreen's fatty alcohols products are manufactured from GMO free natural vegetable oil (PKO) with Halal and Kosher Certification
- Our Ecorol 68/30 meet the current Ph. Eur., BP, and/or USP/NF
- No allergens potential materials are present
- No preservatives or additives are present
- No residual solvents (Organic Volatile Impurities) are present
- Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE) are not concern with this product

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PHYSICAL PROPERTIES

Form	Fuse, solid, flakes, pastilles
Color	Colorless, white if solidified
Odor	Specific type
Melting Point (°C)	49 - 55
Boiling Point (°C)	331 - 360
Flash Point (°C)	ca. 163
Vapor Pressure (hPa)	
Hexadecanol (123 °C)	ca. 1.3
Octadecanol (150 °C)	ca. 1.3
Density at 65 °C (g/cm ³)	ca. 0.81
Viscosity, at 65 °C (mPa.s)	ca. 12
Solubility in water	Insoluble

APPLICATIONS

- Commonly used in many cosmetic products and pharmaceutical applications
- Raw material for the manufacture of chemical intermediates and surfactants