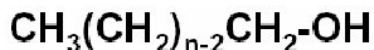


**Description:****A1698, Cetyl Alcohol****CAS# 36653-82-4 ; Formula: C<sub>16</sub>H<sub>2n+1</sub>OH; n=14**

A1698 is primarily composed of Cetyl alcohol (C16 98% min in the case of A1698); 'n' in the structural diagram above refers to the different carbon chain lengths present, from C14 up to C20. It is a waxy white solid under ambient conditions with a mild soapy odor.

**PHYSICAL PROPERTIES**

(all properties @ 22°C (72°F), 760mmHg unless stated)

Equivalent Weight: 246

Specific Gravity: 0.81 @ 55/25°C

Vapor Pressure: &lt; 1mmHg

Melting Point: 124°F (51°C)

Viscosity: 9cp @ 63°C

Specific Heat: 0.47 cal/g. °C

Boiling Point: &gt; 245°C

Insoluble in water under ambient conditions, and suitable solvents include acetone, ethanol, ethyl ether, isopropyl alcohol and trichloroethylene.

**GENERAL INFORMATION****Application Uses**

End-use applications for A1698 include alkyl amines, aluminum rolling lubricants, tertiary amines, antioxidants, concrete anti-spalling agents, cosmetics, defoamers, ethoxylates, halides/mercaptans, lubricant oil additives, methacrylates, phosphated alcohols, plasticizers, plastic lubricants/mold release, polymerization stabilizers, sulphation, sulfated ethoxylates, and epoxy resin diluent.

**Shelf Life:**

Teck Guan stored flaked Cetyl Alcohol and Stearyl Alcohol in bags and drums. Flaked cetyl and stearyl alcohol is stable under normal storage conditions for at least three years. No specific data has been collected for the shelf-life of opened containers of alcohol.

**Storage and Handling (recommended):**Storage Temp Targets: 135-140°F (57-60°C)Handling Temp Min-Max: 135-145°F (57-63°C)Sensitive Properties: Carbonyl, ColorMax Steam, psig: 30Nitrogen Blanket: YES (4 to 8 oz. of pressure)Load out filter: 1 micronRail Car or Tank Truck: Lined or Stainless SteelAgitation/Recirculation: YesStorage Tank: Lined Carbon Steel or Stainless SteelPumps and Lines: Carbon Steel**For further details, or samples of A1698 and other Teckno products, please call****+86-513-87589955**

IMPORTANT NOTE This technical product information and suggestions for use, while believed to be accurate and reliable, is given without guarantee or warranty of any kind expressed or implied. Purchaser assumes all risk in acting on this information provided by Teck Guan representatives. Individual requirements vary, and each purchaser is urged to perform their own tests, experiments and investigations in the use of Teck Guan products and for purposes of determining compliance with applicable Federal, State and local laws and regulations. Nothing contained herein shall be construed as a recommendation to use any product in connection with existing patents covering any material or its use.