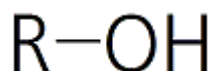


PRODUCT INFORMATION SHEET TA-1618/TA-1618BL Cetostearyl Alcohol

Description:



Cetostearyl Alcohol

CAS Number: Varies based on region. Please see MSDS.

TA-1618/ TA-1618BL are mixtures of Cetyl (23% min), and Stearyl (65% min) alcohol ; 'R' in the structural diagram above represents a saturated alkyl chain of carbon atoms equal to 16 or 18. 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)

Specific Gravity: 0.814
Vapor Pressure: < 1mmHg
Melting Point: 50°C (122°F)
Viscosity: 11cp
Boiling Point: > 249°C (480.2°F)

Insoluble in water under ambient conditions, and only slightly soluble in most other solvents including acetone, ethanol, ethyl ether, isopropyl alcohol and trichloroethylene.

GENERAL INFORMATION

Application Uses

End-use applications for TA-1618/ TA-1618BL 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.

GENERAL INFORMATION cont...

Oil Derivation/Allergen/BSE/Microbial:

All of our fatty alcohol brands are produced in P&G Chemicals' global fatty alcohol network. They are manufactured entirely from naturally occurring vegetable oils.

- No preservatives or additives are present.
- No gluten/wheat, corn, dairy, egg, fish/shellfish, sulfites, yeast, starch, MSG, peanut, other nut, rice, sugar, or sodium potential allergens are present.
- Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE) are not a concern with TA-1618/ TA-1618BL, Cetostearyl Alcohol.
- At the low vacuum (12-18 mmHg) and high temperature (up to 550 degF) at which our process operates, we do not believe that microbiological activities exist.

Shelf Life

Shelf life is affected by how a product is stored. We expect the shelf life of Fatty Alcohols to be about 1 year if it is kept under the recommended storage and handling conditions. We recommend testing the product for key specifications such as color, hydroxyl value, moisture, acid value, and carbonyl content every 6-12 months. **P&G CHEMICALS DOES NOT PROVIDE SHELF LIVES OR EXPIRY DATES.**

Storage and Handling (recommended)

Storage Temp Targets: 61°C (142°F) (max: 66°C (150°F))

Handling Temp Min-Max: 55-75°C (135-167°F)

Sensitive Properties: Carbonyl, Color, Acid Value, SAP, Iodine Value

Max Steam, psi: 30

Nitrogen Blanket: YES

Load out filter: 1 micron

Rail Car or Tank Truck: Carbon Steel

Agitation/Recirculation: Required only when heating.

Storage Tank: Carbon Steel

Pumps and Lines: Carbon Steel or Epoxy Phenolic Liner

For further details, or samples of TA-1618/ TA-1618BL and other P&G Chemicals products, visit our website:

www.pgchemicals.com