## PRODUCT INFORMATION SHEET

### CO-1897, Stearyl Alcohol (Octadecanol)

**DESCRIPTION**

- **R-OH**

**PHYSICAL PROPERTIES:**

(All properties @ 760mmHg unless stated)

- **Specific Gravity:** 0.9 at 20°C
- **Vapor Pressure:** 0.001 mbar at 38°C
- **Melting Point:** 57°C
- **Viscosity:** 4.006 mm²/s at 100°C
- **Boiling Point:** >355°C

**APPLICATION USES**

- **Handling Temp Min-Max:** 60° to 75°C (140° to 169°F)
- **Storage Temp Targets:** 68° to 73°C (154° to 163°F)
- **Agitation/Recirculation:** Yes, if heating medium > 100°C
- **Max Steam, psi:** 30
- **Load out filter (reco):** 5 micron (<1% O₂)
- **Sensitive Properties:** Moisture, Carbonyl, Color, Acid Value
- **Stainless Steel or Epoxy Phenolic Lined**
- **For further details, or samples of this material or other P&G Chemicals products, visit our website:**

**PRODUCT NOTES**

- Insoluble in water and benzene and slightly soluble in solvents including acetone, ethanol, and turpentine.

**GENERAL INFORMATION**

**APPLICATION USES**

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

**OIL DERIVATION/ALLERGEN/BSE/MICROBIAL**

- All of our brands are produced in P&G Chemicals’ global network. They are manufactured from naturally occurring vegetable oils.
- Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE) are not a concern.
- No gluten/wheat, corn, dairy, egg, fish/shellfish, sulfites, yeast, starch, MSG, peanut, other nut, rice, potential allergens are present. No preservatives or additives are present.
- At the low vacuum and high temperature at which our process operates, our products are not micro-susceptible.

**RETEST DATE**

Stability is affected by how a product is stored. We expect the product to be stable if it is kept under the recommended Storage and Handling conditions. We recommend retesting the product for Sensitive Properties every 2 months. (Information listed in Storage and Handling section)

**P&G CHEMICALS DOES NOT PROVIDE SHELF LIVES OR EXPIRY DATES.**

**STORAGE AND HANDLING (recommended)**

- **Handling Temp Min-Max:** 60° to 75°C (140° to 169°F)
- **Agitation/Recirculation:** Yes, if heating medium > 100°C
- **Nitrogen Blanket:** Yes, when stored in molten form
- **Stainless Steel or Epoxy Phenolic Lined**
- **Moisture, Carbonyl, Color, Acid Value**
- **Stainless Steel or Epoxy Phenolic Lined**
- **For further details, or samples of this material or other P&G Chemicals products, visit our website:**

**www.pgchemicals.com**

**IMPORTANT NOTE:** This technical product information and suggestions for use, while believed to be accurate and reliable, is given without creating any guarantee or warranty of any kind expressed or implied. Purchaser assumes all risk in acting on this information provided by Procter & Gamble representatives. Since product’s specifications may vary on customers’ basis, each purchaser is urged to perform their own tests, experiments and investigations in the use of Procter and Gamble 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. Moreover, no license is to be implied under any Procter & Gamble patents relating to uses of the above.