**PRODUCT INFORMATION SHEET**

**DESCRIPTION**

R-OH

CO-1270, Lauryl/Myristyl Alcohol (Dodecanol/Tetradecanol)

Is predominately comprised of Lauryl (68-78%) and Myristyl (20-30%) alcohols; ‘R’ in the structural diagram above represents a saturated alkyl chain of carbon atoms equal to 12 or 14. It is a water white liquid under ambient conditions with a fresh, waxy odor.

**CAS Number:** 67762-41-8

**PHYSICAL PROPERTIES:**

(All properties @ 760mmHg unless stated)

- **Specific Gravity:** 0.8 at 33°C (91°F)
- **Vapor Pressure:** <10 mmHg at 20°C (68°F)
- **Melting Point:** 21°C (70°F)
- **Viscosity:** 12cp at 33°C (91°F)
- **Boiling Point:** >177°C (>351°F)

**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.

**GENERAL INFORMATION**

**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.

**STORAGE AND HANDLING (recommended)**

- **Storage Temp Targets:** Target: 33 °C (91°F)
- **Max Steam, psi:** 150
- **Load out filter (reco):** 5 micron (<1% O₂)
- **Sensitive Properties:** Moisture, Carbonyl, Color, Acid Value
- **Railcar or Tank Truck:** Stainless Steel or Epoxy Phenolic Lined
- **Storage Tank:** Stainless Steel or Epoxy Phenolic Lined is preferred. Use of Carbon Steel only with N2 blanket.
- **Pumps and Lines:** Stainless Steel Coils

**PRODUCT NOTES**

Insoluble in water under ambient conditions, but suitable solvents include acetone, benzene, ethyl ether, and turpentine.

**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 24 months. (Information listed in Storage and Handling section)

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

For further details, or samples of this material or other P&G Chemicals products, visit our website:

[www.pgchemicals.com](http://www.pgchemicals.com)

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