**PRODUCT INFORMATION SHEET**

### AE-7A, Alcohol Ethoxylate

**DESCRIPTION**

\[ R-O-(CH_2CH_2O)_nH \]

\( n = \) average number of moles of ethoxylate

**CAS Number:** 68002-97-1

**PHYSICAL PROPERTIES:**

(All properties @ 760mmHg unless stated)

- **Specific Gravity:** 0.9 at 20°C (68°F)
- **Vapor Pressure:** <0.01 mmHg at 20°C (68°F)
- **Melting Point:** 11°C (52°F)
- **Viscosity:** 50cp at 20°C (68°F)
- **Boiling Point:** >260°C (>500°F)

**APPLICATION USES**

Material is a non-ionic surfactant. Potential intermediate and end use applications include hand dish liquids, shampoos, soaps, shower gels, foaming control agents, textile applications and specialty surfactants.

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

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

**STORAGE AND HANDLING (recommended)**

- **Storage Temp Targets:** Max: 49°C (120°F)  
  Target: 20 °C (68°F)
- **Max Steam, psi:** 30
- **Load out filter (reco):** 5 micron
- **Sensitive Properties:** Moisture, Color, Carbonyl  
  Carbon Steel or Phenolic Epoxy Lined
- **Railcar or Tank Truck:** Carbon Steel or Phenolic Epoxy Lined
- **Storage Tank:** Carbon Steel or Phenolic Epoxy Lined
- **Pumps and Lines:** Carbon Steel

**PRODUCT NOTES**

Solubility: 9.9mg/L in water. Material is hygroscopic and will pick up moisture from the air.

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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