

PRODUCT INFORMATION SHEET
AGE-1214, Alkyl Glycidyl Ether
DESCRIPTION


AGE-1214 is an Alkyl Glycidyl Ether that is composed of ~72% AGE monomer (as pictured to the left) and ~13% AGE dimer with the balance being either trimer or unreacted alcohol; 'R' in the structural diagram represents a saturated alkyl chain of carbon atoms equal to 12 or 14. It is a clear colorless liquid with low odor.

CAS Number: 68609-97-2

PHYSICAL PROPERTIES:

(All properties @ 760mmHg unless stated)

Specific Gravity: 0.89
 Vapor Pressure: 0.6 mmHg @ 70°F
 Melting Point: 1.7°C (35°F)
 Viscosity: 4-12 cps @ 25°C
 Boiling Point: 154 °C (309.2°F)

GENERAL INFORMATION
APPLICATION USES

AGE-1214 is used as a reactive intermediate in multiple applications due to the reactive epoxide group. These applications include being a precursor to various surfactants, including P&G Chemical's AGS-1214 surfactant, and polymers. AGE-1214 is also used as a reactive diluent in paints, coating, and adhesive applications. The AGE-1214 helps to lower viscosity and improve curing while maintaining low VOCs.

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 high temperature at which our process operates, our products are not micro-susceptible.

RETEST DATE

Please contact P&G Chemicals directly via our website (address listed below) for questions concerning this product's stability.

P&G CHEMICALS DOES NOT PROVIDE SHELF LIVES OR EXPIRY DATES.
STORAGE AND HANDLING (recommended)

Storage Temp Targets:	ambient	Handling Temp Min-Max:	ambient
Max Steam, psi:	150	Agitation/Recirculation:	not needed
Load out filter (reco):	5	Nitrogen Blanket	No
Sensitive Properties:	Color, moisture		(<1% O ₂)
Railcar or Tank Truck:	Stainless Steel or Plasite 9573 Lined		
Storage Tank:	Lined with Plasite 9570 or 9573 with Stainless Steel coils		
Pumps and Lines:	Stainless Steel or 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.