

Environmental Fluids USA LLC
 4241 N. Winfield Scott Plaza
 Suite 101
 Scottsdale, AZ 85251
 P: (480) 361 4931
 F: (480) 361 4968



TECHNICAL DATA SHEET

E-300

DESCRIPTION

The Environmental Fluids PEG E-300 is a polyethylene glycol that is 100% active. It is clear, odorless, almost colorless, viscous liquid. The Environmental Fluids E-300 is heat stable and Hygroscopic, and has a low vapor pressure. It is soluble in water, Acetone, Ethanol, Ethyl Acetate, Toluene.

APPLICATIONS

Environmental Fluids PEG E-300 is suitable for paper softeners because of their low humectant properties and low vapor pressure. It is also used as plasticizers in the manufacturing of uncoated cellophane and cellulose sponges. Polyethylene Glycols are used as lubricants for the air bags in pneumatic tires. Use to date has indicated no adverse effect on rubber. Polyethylene Glycol fatty esters are useful plasticizers for vinyl resins and other materials. Polyethylene Glycols are particularly useful in ointments. Formulas incorporating Polyethylene Glycols are shown in the U.S. Pharmacopoeia.

TYPICAL PROPERTIES

AVERAGE MOLECULAR WEIGHT	300
VISCOSITY 210°F (98.8°C) cSt	5.9
WATER %	0.2
pH	7
ALPHA COLOR	25
MELTING POINT °C	<-10

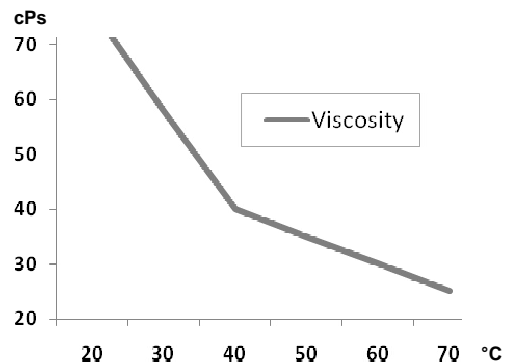
SHIPPING INFORMATION

The Environmental Fluids PEG E-300 is packaged in either 220/230 kg plastic/steel drums, 1,000 kg tote bins, 20,000 kg tank wagons, or 80,000 kg rail cars. Technical sampling can be obtained through the sales department of Environmental Fluid USA LLC

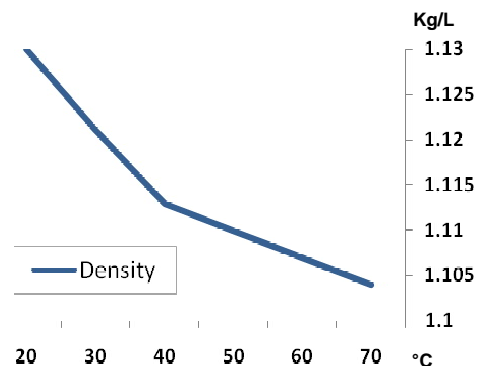
HANDLING & STORAGE

Storage in mild steel is not recommended. Objectionable iron pickup with resultant discoloration develops, particularly after long storage periods. In resin-lined steel, stainless steel, aluminum or glass containers. Tanks must be equipped with heating coils to maintain these products in a fluid state. Temperatures should not exceed 49°C (120°F).

VISCOSITY



DENSITY



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