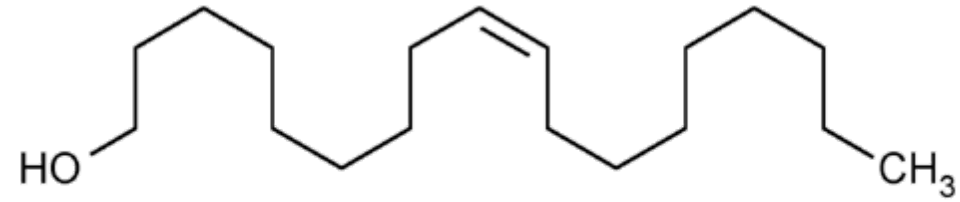


U.S. PHARMACOPEIA

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Oleyl Alcohol

 $C_{18}H_{36}O$ 268.48

9-Octadecen-1-ol, (Z)-.

(Z)-9-Octadecen-1-ol [143-28-2].

» Oleyl Alcohol is a mixture of unsaturated and saturated high molecular weight fatty alcohols consisting chiefly of oleyl alcohol.

Packaging and storage— Preserve in well-filled, tight containers, and store at controlled room temperature.

Cloud point— Place about 60 g in a 150-mL beaker, heat to 30°, cool, and immerse the beaker in an ice-water bath with the surfaces of the water and the test specimen at the same level. Insert a thermometer, and, using it as a stirring rod, begin stirring rapidly and steadily when the temperature falls below 20°. Keep the thermometer immersed throughout the test, remove and inspect the beaker containing the test specimen at regular intervals, and record the temperature at which the immersed portion of the thermometer, positioned vertically in the center of the beaker, is no longer visible when viewed horizontally through the beaker and test specimen: the cloud point is not above 10°.

Refractive index [⟨ 831 ⟩](#): between 1.458 and 1.460.

Acid value [⟨ 401 ⟩](#): not more than 1.

Hydroxyl value [⟨ 401 ⟩](#): between 205 and 215.

Iodine value [⟨ 401 ⟩](#): between 85 and 95.

Residual solvents [⟨ 467 ⟩](#): meets the requirements.
(Official January 1, 2007)

Auxiliary Information— *Staff Liaison* : [Catherine Sheehan, B.Sc., Scientist](#)

Expert Committee : (EM105) Excipient Monographs 1

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