

# HARMSCO®

## Relative Size of Particles

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Substance	Size
▶ Table Salt	100 microns
▶ Human Hair (average)	50-70 microns
▶ White Blood Cell	25 microns
▶ Talcum Powder	10 microns
▶ Cocoa	8-10 microns
▶ Red Blood Cell	8 microns
▶ Bacteria (cocci)	2 microns

**Note:** lower limit that can be seen by naked eye...40 microns.

### Viscosity of Common Liquids

Liquid	Viscosity (CPS*)	Viscosity (SSU*)	Temperature (F)
Asphalt, virgin	539 - 2,810	2,500 - 12,000	250°
Bone oil	47.5	220	130°
Carbolic acid, phenol	11.83	65	65°
Castor oil	259.8 - 324.7	1,200 - 1,500	100°
Coconut oil	29.8 - 31.6	140 - 148	100°
Cod oil	32.1	150	100°
Cottonseed oil	37.9	176	100°
Linseed oil, raw	30.5	143	100°
Molasses, C	2,630 - 5,500	17,000 - 250,000	100°
Oil, Fuel N° 2	3.0 - 7.4	36 - 50	70°
SAE N° 30	86.6 - 125.5	400 - 580	100°
Olive oil	43.2	200	100°
Peanut oil	42	195	100°
Printer's ink	550 - 2,200	2,500 - 10,000	100°
Turpentine	2.11	33	60°
Varnish, spar	143	650	100°
Water, fresh	1.13	31.5	60°

\* CPS = Centipoise; SSU = Saybolt Seconds Universal

**Note:** This publication is to be used as a guide. The data within has been obtained from many sources and is considered to be accurate. Harmsco does not assume liability for the accuracy and/or completeness of this data. Changes to the data can be made without notification. Temperature, Pressure, Flow Rates, Differential Pressures, Chemical Combinations and other unknown factors can affect performance in unknown ways. **Limited Warranty:** Harmsco warrants their products to be free of material and workmanship defects. Determination of suitability of Harmsco products for uses and applications contemplated by Buyer shall be the sole responsibility of Buyer. The end user/installer/buyer shall be liable for the product's performance and suitability regarding their specific intended applications. End users should perform their own tests to determine suitability for each application.