



HANSON CHEMICALS

Buffalo NY USA | Burlington ON Canada
Phone: 216 306 0506 | Email: info@hansonchemicals.com
Web: www.hansonchemicals.com

TECHNICAL DATA SHEET

Castor Oil - USP Grade

GENERAL INFORMATION

Pharmaceutical Grade Castor Oil is produced by the first pressing of castor seeds without losing medicinal qualities. It is a clear, brilliant, colorless or slightly yellow viscous liquid, free from rancid odor. USP grade refers to castor oil prepared according to the United States Pharmacopoeia (USP) norms. This oil is widely used in pharmaceutical applications.

SPECIFIC PROPERTIES

Property	Specification
Heavy Metals (ppm)	10 max
Free Fatty Acid (ml)	3.5 max
Distinction from most other fixed oils	Partly soluble in hexane.
Residual Solvent	Must Pass
Iodine Value (g I ₂ /100g)	83–88
Saponification Value (mg KOH/g)	176–182
Hydroxyl Value (mg KOH/g)	160–168
Specific Gravity @ 25°C	0.957–0.961

ADVANTAGES AND APPLICATIONS

Pharmaceuticals and cosmetics
Emollient for pharmaceutical creams and lotions
Lubricants, paints, resins, greases
Cosmetics, waxes, textile, leather
Polyols, surfactants, printing inks
Waterproofing additives, emulsifiers, plasticizers, pigments

PACKAGING

- Iso Tank
- 200 kg Barrel
- 950 kg IBC Tank

SHELF LIFE

2 Years From Manufacturing Date