

## Polyisobutene 800

### Specification Sheet

**Description:** High-viscosity (Average MW 800 D) nonpolar polymer oil (liquid isoparaffin, propane-2-methyl-homopolymer), mineral oil substitute. 100% vegan. Clear liquid, no odor. Insoluble in water, soluble in oils.

**CAS:** 68937-10-0

**INCI Name:** Hydrogenated polyisobutene

**Benefits:**

- Excellent emollient & moisturizer (especially where viscosity & thickness is needed: e.g. lip gloss)
- Restores skin suppleness, prevents water loss (waterproofing agent)
- Easily emulsifiable
- Great pigment dispersing agent for color cosmetics
- Shine enhancer for lip care products
- Improves spreadability of creams
- Non-comedogenic, non-irritant, non-greasy

**Use:** Can be added to formulas as is, usual final concentration 1-50%. External use only.

**Applications:** Hydrating creams, after shave balms, antiperspirants, color cosmetics, creams for blemished and impure skin, hair grooms, sunscreen products, lipsticks, hair relaxers, baby care, cleansing creams, shaving gels.

**Country of Origin:** USA

**Raw material source:** Butylenes

**Manufacture:** Polyisobutene is produced by low-temperature friedel-crafts polymerization of dried, desulfurized butylene which is obtained by catalytic cracking of long-chain hydrocarbons.

**Animal Testing:** Not animal tested

**GMO:** GMO free (does not contain plant-derived components)

**Vegan:** Does not contain animal-derived components