

## Lecithin, USDA Organic

### Specification Sheet

**Description:** USDA certified organic, natural, nonionic emulsifier (occurs in most living cells) consisting of 4 phospholipids (phosphatidyl choline, -ethanolamin, -serin, -inositol), capable to bind water & fats (prevents fat-water separation), derived from soybeans. Dark amber, honey-like consistency, characteristic odor. Soluble in oils, partly soluble in alcohols, dispersible in water. HLB value approx. 4 (gives water-in-oil emulsions).

**CAS:** 8002-43-5

**INCI Name:** Organic lecithin

**Benefits:**

- Natural emulsifier and dispersing agent
- Excellent water binding ability (prevents moisture loss)
- Good emollient, anti-sticking and refatting properties
- Controls viscosity

**Use:** Can be added to formulas as is, add to oil phase. Typical use level is 0.5-5%. In creams and lotions mostly used as co-emulsifier together with other, more potent emulsifiers. For external use only.

**Organic Standard:** USDA; Certified by WA State Dept. of Agriculture

**Applications:** Lotions, creams, ointments, salves, body washes, shampoos, sun care products & after-sun products, body butter, makeup products.

**Country of Origin:** USA

**Raw material source:** Soybeans

**Manufacture:** Produced by water degumming the extracted oil of soybeans using various solvents.

**Animal Testing:** Not animal tested

**GMO:** GMO free

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