



## SUNVOLEC LIQUID SUNFLOWER LECITHIN



Sunvolec, produced by AOM, is a viscous liquid with a dark orange to brown color. Also referred to by the latin name *Helianthus annuus lecithin*, it is obtained by the water degumming of crude sunflower oil, followed by centrifugation and evaporation. It consists of mixed phospholipids present in sunflower seeds and is used in multiple food and nutrition applications.

*Presenting a very similar composition to soybean lecithin, the most traditional commercial source of the material, Sunvolec is sourced exclusively from sunflower and produced in a sunflower-only processing facility. This means that it is by definition a Non-GMO and Allergen Free material with no risk of cross-contamination with other materials.*

### - Uses -

Lecithin is primarily known in the food industry for its emulsification capabilities, improving the preparation of homogeneous mixtures with different compositions of oil and water.

It has also become increasingly used in nutritional supplements targeting:

- ✓ Cognitive & neurological function.
- ✓ Muscular recovery & neuromuscular function.
- ✓ Cholesterol reduction and weight loss via the replacement of fats.
- ✓ Improved glutamine absorption.

### Sunvolec Food Application

Bakery	Increased volume, improved fat dispersion, maintains freshness.
Cocoa/Powdered Milk	Wetting, Dispersability and Agglomeration
Margarine	Anti-spatter, Emulsification.
Flavors	Encapsulation.
De-molding	Separation, Wetting
Chocolate	Modification of viscosity.

### Composition

Parameter	Sunvolec L	Sunvolec VR
Insoluble in Acetone (%)	Min. 60	Min. 53
Phosphatidylcholine (PC) (%)	15-18	13-16
Phosphatidylinositol (PI) (%)	12-15	10-13
Phosphatidylethanolamine (PE) (%)	5-8	4-7
Phosphatidic Acid (PA) (%)	1-3	1-3
Viscosity @ 25°C (Ps)	120	60
Acidity (mg KOH/g)	Max. 30	Max. 30

### Packaging Options

1000kg IBC
200kg Metal Drum
20kg Plastic Jerrycan

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