



STEPOSOL[®] SC

Soya methyl ester/Ethyl lactate
CAS# 67784-80-9, 97-64-3
BCI*: 98 (Confirmed by ASTM D6866)



Advantages:

- More aggressive than soy methyl esters
- Excellent solvency – Kauri-butanol value: >300
- Water-rinsable
- Blends well with other non-polar solvents
- Evaporates quickly and leaves no visible residue
- Not classified as a hazardous air pollutant (HAP)
- Does not contain ozone depleting compounds (ODC)
- Environmentally-preferable solvent
- Biodegradable

Applications:

- Extender or co-solvent for traditional solvents such as NMP and d-limonene
- Metal cleaners (parts, tanks, etc.)
- Precision cleaners
- Resins, elastomers, coatings and ink removal
- Industrial hand cleaners
- Industrial paint strippers/industrial graffiti removal
- Varnish removers
- Petroleum degreasing
- Concrete cleaners
- Grease trap cleaners

Other Notes:

- Stepan has been in the methyl ester business for over 40 years and is a leader in industry.
- A solvent-soluble thickener can be used to thicken STEPOSOL[®] SC in formulation.
- STEPOSOL[®] SC has a lower flash point and VOC than most traditional solvents.
- Limited stability in the presence of aqueous formulations; STEPOSOL[®] SC is not hydrolytically stable.
- STEPOSOL[®] SC has a 98% biorenewable carbon content (BCI), which has been confirmed by ASTM D6866, evaluation of biobased content.

Recorded Successes:

Grffiti removal, adhesive cleaner for PVC sheets, and industrial wipes for cleaning tools, machinery, etc.

STEPOSOL[®] SC is manufactured and stocked in Illinois. Sample and drum stock are available. Additional literature is available at www.stepan.com or by contacting Stepan's Technical Services Department at 1-800-745-7837 or techserv@stepan.com.

BCI: The number of biorenewable carbons (plant, animal or marine-derived) divided by the total number of carbons in the idealized molecule.*

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