



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:

Graffiti 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.*

June 2010

© 2010. Stepan Company. All rights reserved.

Nothing contained herein grants or extends a license, expressed or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the work of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness adequacy or furnishing of such information.