

# Product Information Sheet



## SoyGreen® Emulsions

SG1000E    SG5000E



### Description

SG1000 and SG5000 solvents are unique soy-based blends effective for a variety of applications, and are now available as (water based) emulsions for an even greater range of performance and cost effectiveness. SoyGreen® solvents and emulsions are completely environmentally safe by any definition – low VOC's\*, bio-based, readily biodegradable, non-flammable, and GHS (US) - Not Classified. SoyGreen® emulsions are the perfect replacement for caustics, butyls, d-limonene, and other 'standard' cleaning chemistries, and ideal for manufacturers and private label in that they are available in concentrates easily dilutable to RTU applications. SG1000E-25, as an example, is an ideal metal cleaner and degreaser to be used daily without harming surfaces. It can be further diluted for even greater cost effectiveness and, unlike most solvent based emulsions, remain stable for a shelf life exceeding one year. SG5000E emulsions are the same chemistry but slightly more aggressive, and ideal for paint removal, ink cleanup, heavy-duty degreasing, and much more.

### Product Options

**Products:** SG1000E and SG5000E are water-in-oil concentrates and must be mixed per mixing instructions. A thickener is also available if increased viscosity is desired, as well as other co-solvents, silicones, and enzymes.


**Packaging:** SoyGreen® emulsion concentrates, SG1000E and SG5000E, are available in 5-gallon pails, 55-gallon drums, and 330-gallon totes. RTU formulations and packaging are available for private label and custom blends.

**Dilutions:** Typical dilution range from the concentrates is 1:3 to 1:9 for hard surface cleaners and degreasers - refer to application chart. Dilutions can be controlled via standard blend station or pump system.

**Cleanup:** SoyGreen® emulsions are water miscible and easily cleaned with warm to hot water.

**Caution:** Use caution around plastics and painted surfaces. After prolonged use, product may remove paint from unprotected painted surfaces such as logos, directions, and buttons on elevators, grills, etc.

### Safety Data (see SDS for additional information)

**GHS (US):** Eye Irritant (concentrate only) 

**First Aid:**

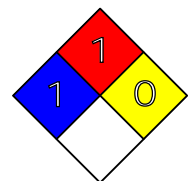
**Eyes:** Flush with water for 15 minutes. If irritation continues, call a physician.

**Ingestion:** Seek medical attention.

**Keep out of reach of children.**

### Technical Data (Concentrates)

<b>Type:</b>	(Water Based) Emulsion	<b>Flash Point:</b>	> 220°F (104°C)
<b>Appearance:</b>	White Emulsion (after Dilution)	<b>High Sheer Viscosity:</b>	12 - 18 cps
<b>Odor:</b>	Mild	<b>Low Sheer Viscosity:</b>	Not Determined
<b>pH@1% solution:</b>	6.0-8.0 (1000E); 4.0-6.0 (5000E)	<b>Specific Gravity:</b>	0.904 - 0.975
<b>Freeze Point:</b>	32° F (0°C)	<b>VOC Percentage:</b>	< 1% (Diluted)



Soy Technologies, LLC

1050 Elizabeth Street • Nicholasville KY 40356  
Tel: 800.769.8748 • Fax: 866.767.7902  
info@soytek.com • www.soytek.com

\*VOC Compliant

  
Made in the USA

Rev 10.01.15