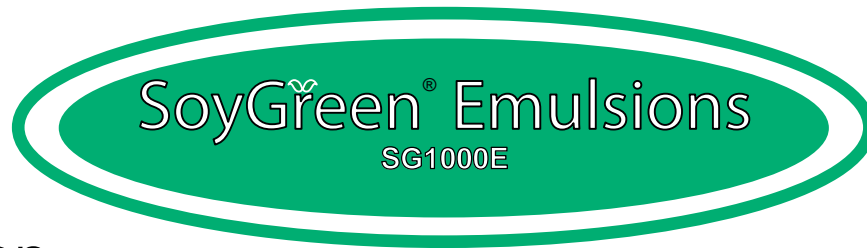


Mixing Instructions



Description

SoyGreen® SG1000 is a soy-based solvent ideal for cleaning and polishing stainless steel, aluminum, and many other hard surfaces. SG1000 is RTU and should not be diluted. SG1000E is the emulsion version of that blend, and is formulated to be diluted up to a 10% solution for effective hard surface cleaning and polishing, including wood finishes. SG1000E is also perfect for mixing stations. SoyGreen® solvents and emulsions are completely environmentally safe by any definition – low VOC's*, bio-based, readily biodegradable, non-flammable, and are the perfect replacement for caustics, butyls, d-limonene, and other 'standard' cleaner chemistries.

SG1000E is a concentrate with no water, while SG1000E-25 consists of 25% concentrate and 75% water (1:3 ratio or 25%). The emulsion is a water-to-oil emulsion and must be mixed per instructions below. A thickener is also available for increased viscosity if desired.

Mixing Instructions

SoyGreen® emulsions are "water-in-oil" chemistry, meaning to create a stable emulsion, it is important to pour water into the solvent blend and mix per the instructions below, as opposed to pouring the concentrate into water. Mixing instructions vary depending on the amount to be mixed.

Larger Quantities (mixing tank or volume greater than 2-3 gallons):

- 1) Container or mixing tank should have mixing blade capable of moderate speeds (500 – 1,000 rpm).
- 2) Pour desired amount of SG1000E into tank and begin mixing.
- 3) Add water slowly. Blend will start out very thick (> 2,000 cps) for a short period of time and thin out quickly.
- 4) Continue mixing for 10 minutes after all desired water is added. Mixture should be a consistent white liquid.

Smaller Quantities (dilution station or individual bottles):

- 1) Pour desired amount of SG1000E into bottle.
- 2) Add water.
- 3) Shake bottle or mix for 30 seconds to 1 minute.

Dilutions:

The optimum range of dilutions is 10% to 25% - 10% (1 part concentrate to 9 parts water) for hard surface cleaning and wood polishing, and up to a 25% blend (SG1000E25) for a very effective stainless steel cleaner and degreaser.

Technical Data (After Dilution)

Type:	(Water Based) Emulsion	Flash Point:	n/a to boiling point
Appearance:	White Emulsion (after diluted)	High Sheer Viscosity:	100 - 300 cps
Odor:	Mild	Specific Gravity:	0.983 - 0.995
pH @ 1% solution:	7.0 - 9.0	VOC Percentage:	< 1% (Diluted)
Freeze Point:	32° F	Biobased Percentage:	84%

