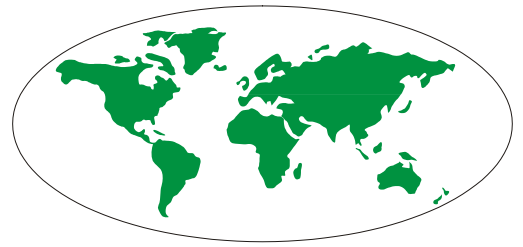


## SBS IV-122A

An acid soluble low foaming surfactant with excellent cleaning properties.

**SBS IV-122A** is recommended for acid CIP and other applications where acid solubility, rapid wetting, and excellent detergency, as well as very low foam, are required.

**SBS IV-122A** is compatible with both anionic and cationic surfactants.



**SC<sub>of</sub>F**

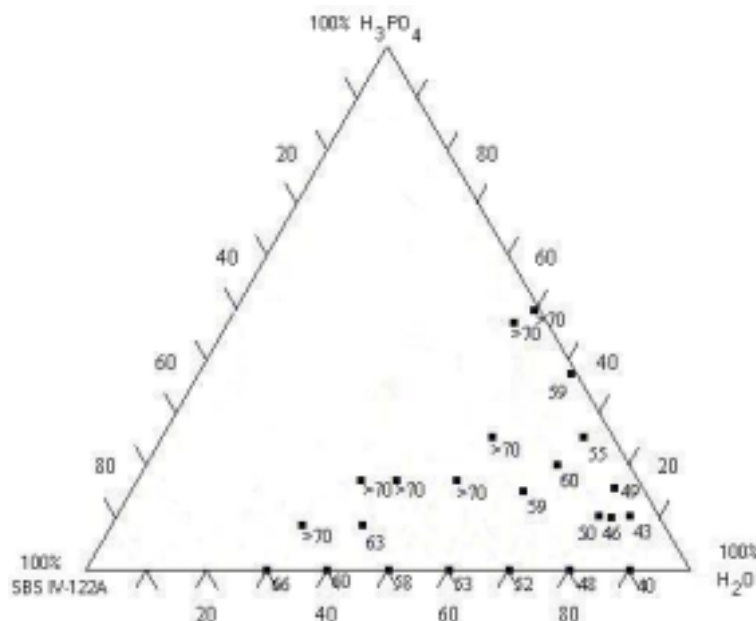
### Typical Properties

Activity	100%
Specific Gravity:	1.007
Hydroxyl #:	73-86
Viscosity: (Brookfield #1 @6RPM)	95 cps

Cloud points in °C of mixtures of **SBS IV-122A** and phosphoric acid in water are shown in Figure 1. Stable concentrates are readily formulated, and lower cloud points at high surfactant dilution contribute to better cleaning performance and low foam.

### Acid Solubility

Figure 1: Phosphoric Acid



Figures 2 and 3 show solubility data in hydrochloric acid and glycolic acid.

Figure 2: Hydrochloric Acid

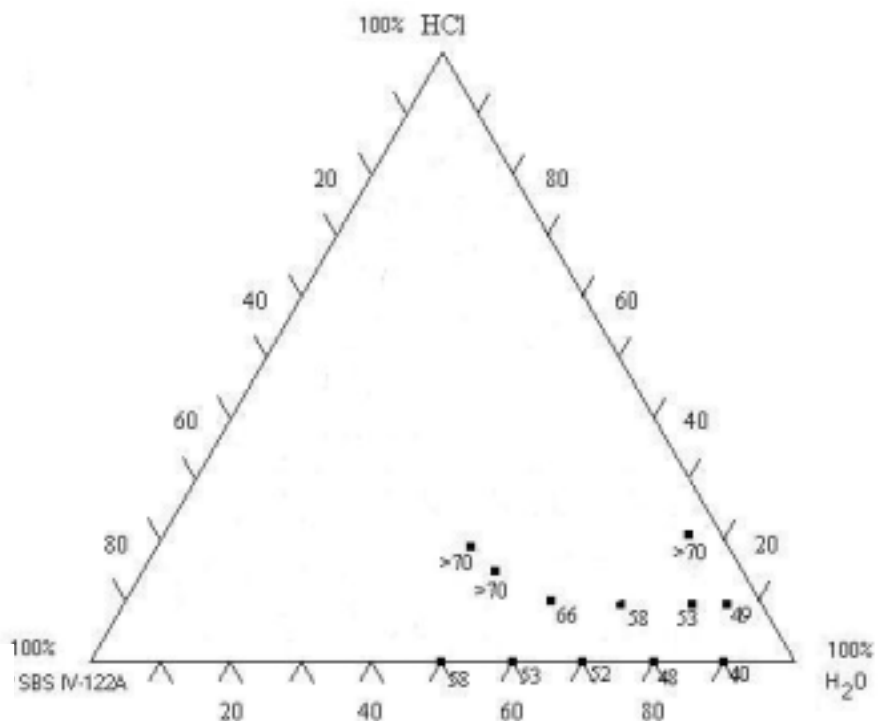
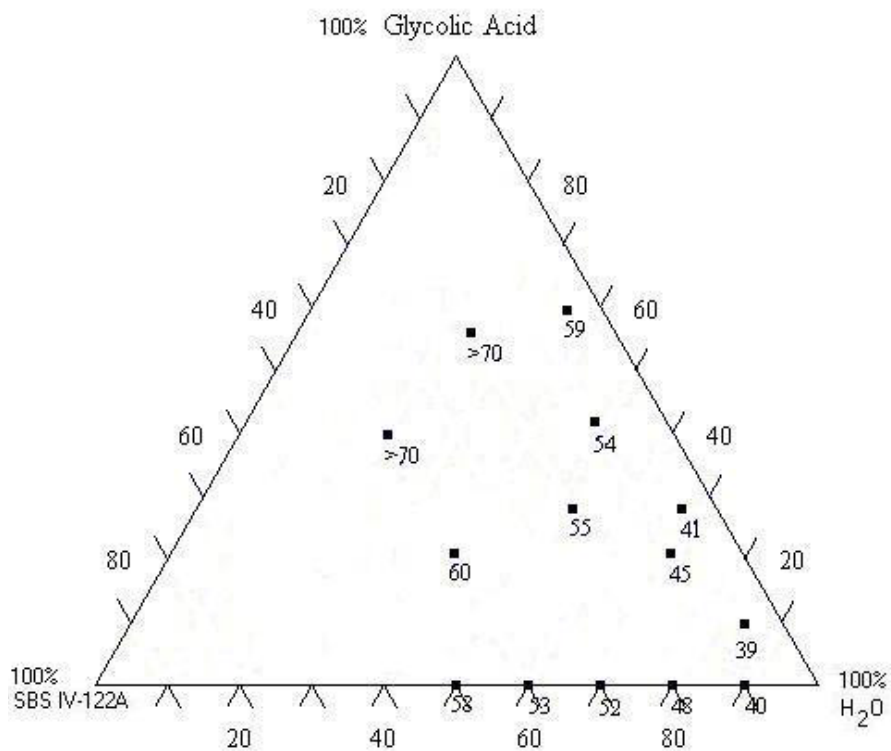


Figure 3: Glycolic Acid

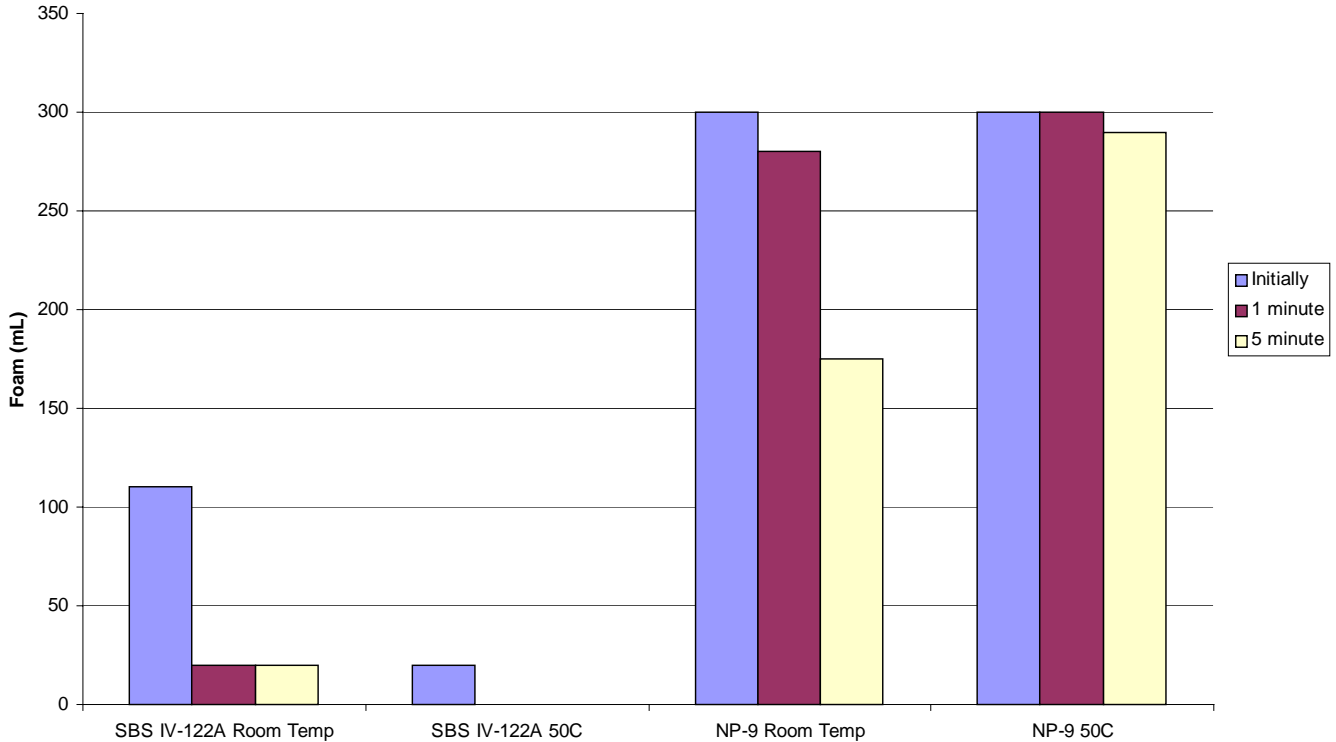


## Foaming Properties

Figure 4 compares foaming behavior of **SBS IV-122A** with that of nonylphenol condensate with 9 moles of ethylene oxide, at 0.1% in 5% phosphoric acid. Tests were conducted by inverting 500ml of solution in a 1L graduate 10 times and observing foam height.

Figure 4

### Foam Test



The information given herein is correct to the best of our knowledge. However, no warranty is expressed or implied regarding its accuracy or the results to be obtained from the use thereof and users should make their own tests to determine the suitability of these products for their own particular purpose. No statement in this brochure/leaflet is intended or should be construed as a recommendation to infringe any existing patent.

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