

HRS™ II

An adjuvant for foaming VigorOx® Liquid Sanitizer and Disinfectant

Formula	Trade Secret
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Synonyms	Foaming Agent, Anionic Surfactant
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Typical Composition by Weight Percent

	Nominal
Surfactant Blend, %	12 - 14
Water (free), %	>85

Chemical Properties

pH Concentrate	5 -7
At dilution with PAA:	
DI (Milli-Q) water	
- 100 ppm PAA solution with 2 ounces of HRS II	3.6
- 300 ppm PAA solution with 2 ounces of HRS II	3.4
tap water	
- 100 ppm PAA solution with 2 ounces of HRS II	4.1
- 300 ppm PAA solution with 2 ounces of HRS II	3.7

Physical Properties

Freezing point	< 35°F
Viscosity at room temperature (~75°F) (cP)	~ 50 or less
Appearance	clear to opaque fluid
Odor	Essentially odorless
Density (lb/gal)	8.67
Solubility in water	100%
Flashpoint (closed cups)	None observed up to 104°C (220°F)

Shipment Information Not regulated by the DOT.

Container Sizes 480 lb - 55 gallon drum; 43.3 lb – 5 gal. pail; 2.1 lb – 1 liter bottle;

Uses

Used in conjunction with VigorOx® Liquid Sanitizer and Disinfectant for foam sanitizing

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