

BENTONE® LUXE

EFFICIENT RHEOLOGY MODIFICATION FOR ELEGANT SKIN CARE SYSTEMS

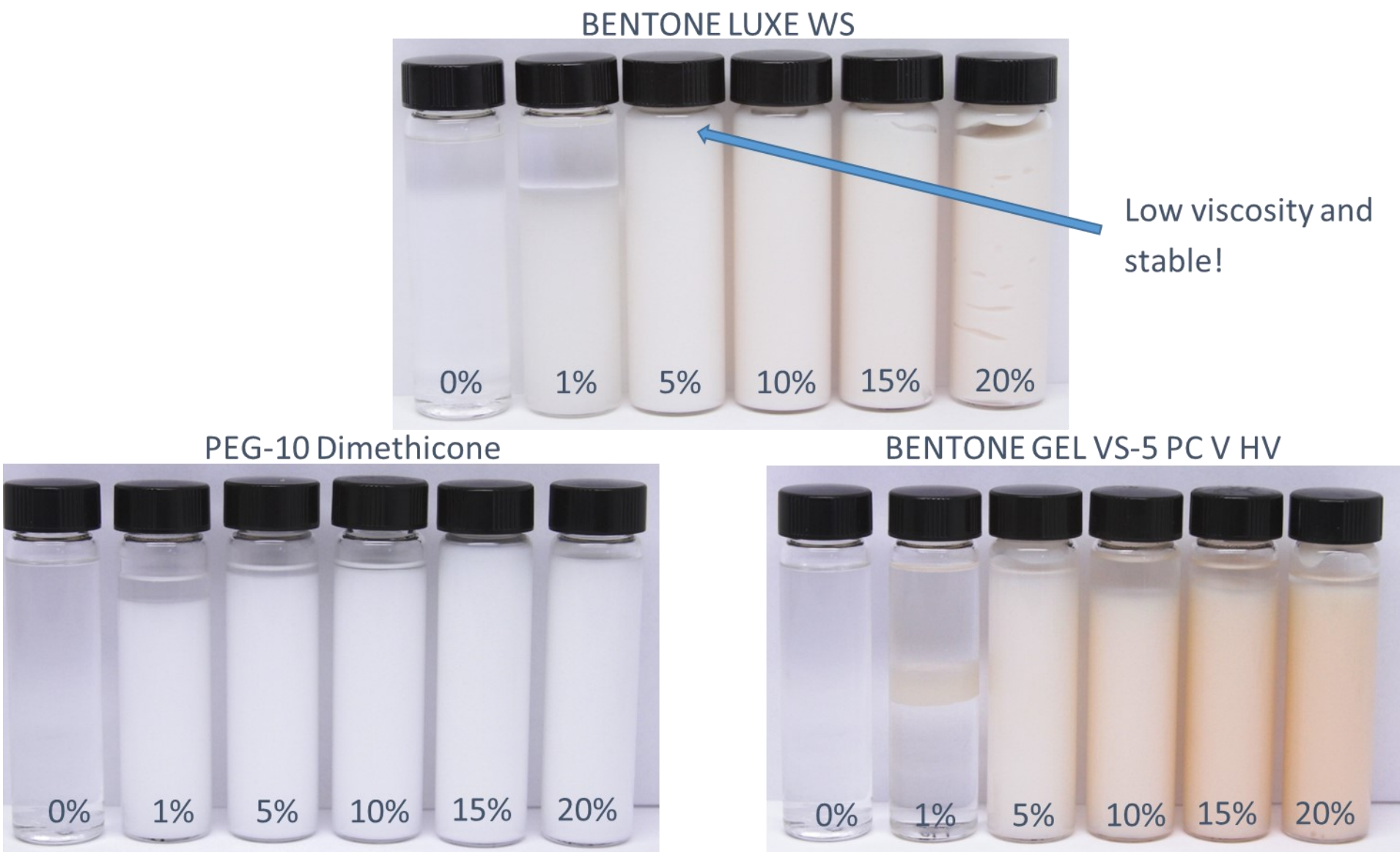
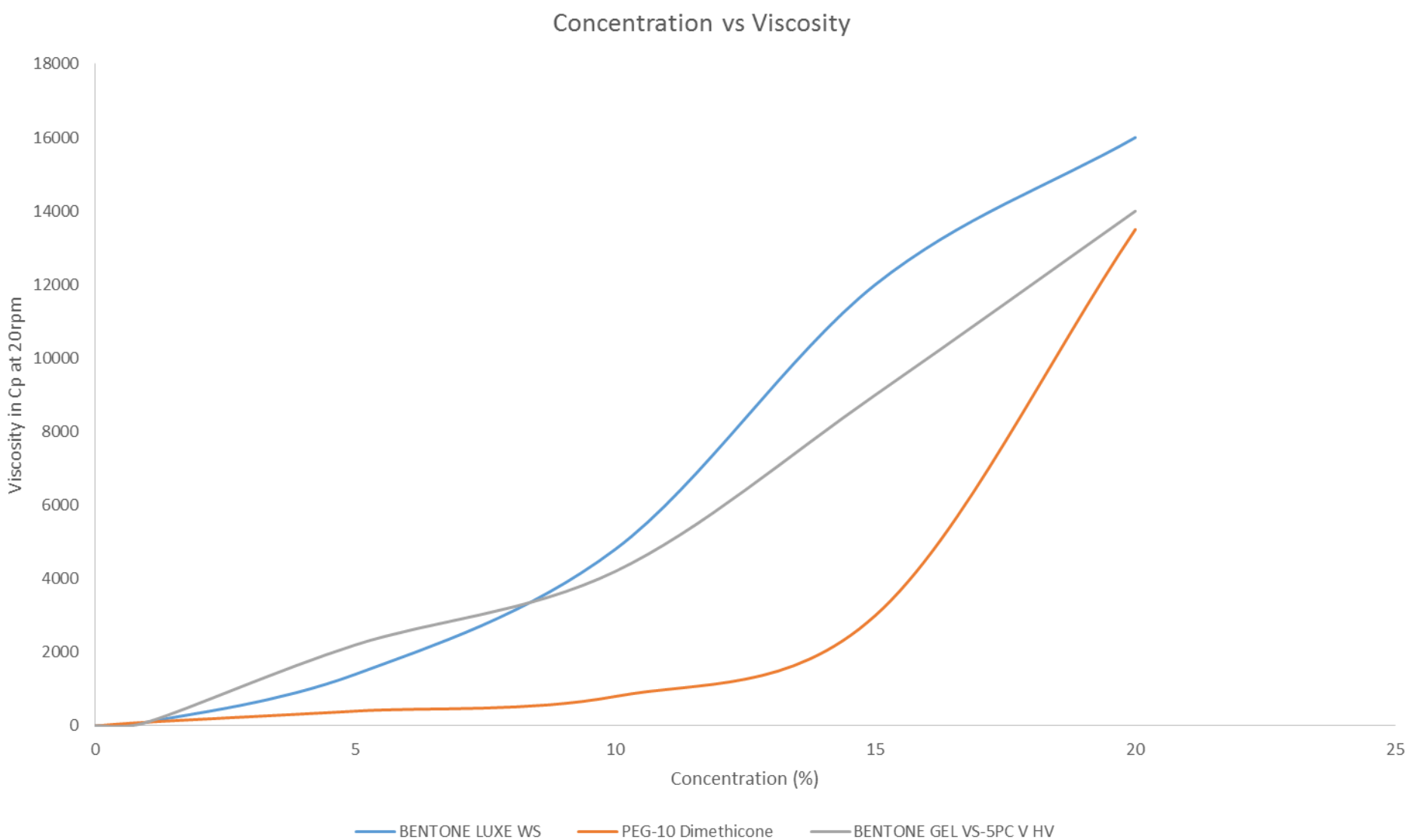
INTRODUCTION

BENTONE® LUXE emulsifying gels facilitate the creation of exceptional personal care formulas. BENTONE® LUXE WS allows the creation of elegant textures with superior stability and aesthetics. BENTONE® LUXE WO provides exceptional emulsification and rheology control in silicone free systems. The BENTONE® LUXE series is designed for innovative skin care systems.

EFFICACY DATA

BENTONE LUXE WS was formulated into a simple Water in Silicone Emulsion and compared to PEG-10 Dimethicone and BENTONE GEL VS-5PC V HV at concentrations of 0-20%.

Ingredient	Percentage
Phase A	
Deionized Water	51
Glycerin	5
Sodium Chloride	1
Phase B	
Cyclopentasiloxane	42-22
BENTONE LUXE WS/PEG-10 Dimethicone/BENTONE GEL VS-5PC V HV	0-20
Phase C	
Preservative	1



BENTONE® LUXE provides stability and superior aesthetics in emulsion systems. In sunscreen applications, the thixotropic property of the Hectorite clay provides a boost in SPF value as seen in BENTONE GEL® systems.

Phase	Ingredient	Supplier	%w/w
A	Deionized Water	Galcon Chemie	42.30
	Glycerin		1.00
	Sodium Chloride		0.50
B	Disodium EDTA (Edeta BD)	BASF	0.20
	Dimethicone (KF-96L-2cs)	Shin-Etsu	15.00
	Isononyl Isonanoate (DUB ININ)	Stearinerie Du-bois	8.00
	C12-15 Alkyl Benzoate (Finsolv TN)	Innospec	8.00
	Cyclopentasiloxane (and) PEG-10 Dimethicone (and) Distearidimonium Hectorite	Elementis Specialties	5.00
	BENTONE® LUXE WS		
	Homosalate (Eusolex HMS)	Merck	5.00
	Octocrylene (Eusolex OCR)	Merck	5.00
	Ethylhexyl Salicylate (Eusolex OS)	Merck	3.00
	Butyl Methoxidibenzoylmethane (Eusolex 9020)	Merck	2.00
	Ethylhexyl Methoxycinnamate (Eusolex 2292)	Merck	2.00
	PEG-30 Dipolyhydroxystearate (Simaline WO)	Seppic	1.00
C	Nylon-12 (SP-10)	Kobo	1.00
	Tocopheryl Acetate (Blanova Vitamin E Acetate)	Azelis	0.20
	Potassium Sorbate, Sodium Benzoate, Benzyl Alcohol, Water (Sharonmix 703)	SLI Chemicals	0.80

