

Process for making emulsion using SEPTON™ BIO-series

Elastomer R&D department
Elastomer division

kuraray **Septon™** BIO-series

Nonionic surfactants for HSBC emulsion

1. Octylphenol Ethoxylates

(01) Lutensol® OP 5 (5 moles EO)

(02) Lutensol® OP 10 (10 moles EO)

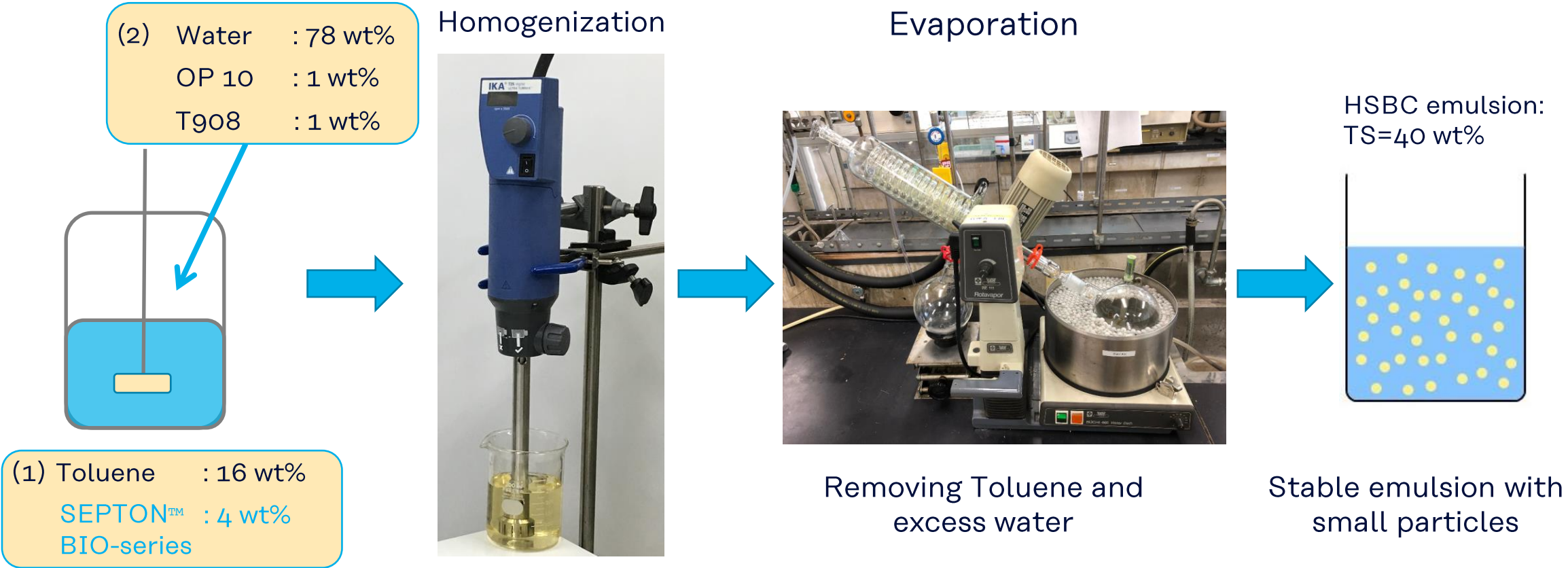
(03) Lutensol® OP-40-70% (40 moles EO)

2. Amine based Block Copolymers

(04) Tetronic® 908 Pastille (T908; 80 wt% of EO)

The above-mentioned surfactants are provided by BASF SE.

Process for making emulsion using SEPTON™ BIO-series



Please refer to US5461104 (Expired patent).

Potential applications

		Strength	Potential applications
Emulsion	Coating	Softness, Plasticizer less, High friction resistance, Low hysteresis loss	Protective film (Weak adhesive), Coating of gloves (ex. Golf gloves)
	Dipping	Softness	Disposable gloves

Kuraray Co., Ltd.
Elastomer Division
Tokiwabashi Tower
2-6-4, Otemachi
Chiyoda-ku, Tokyo, 100-0004, Japan

✉ elastomer@kuraray.com

→ www.kuraray.com

→ www.elastomer.kuraray.com

© KURARAY CO., LTD. 2025

SEPTON is a trademark or registered trademark of Kuraray Co., Ltd. Trademarks may not be applied for or registered in all countries.

The information provided herein corresponds to Kuraray's knowledge on the subject at the date of its publication. This information may be subject to revision as new knowledge and experience becomes available. The information provided falls within the normal range of product properties and relates only to the specific material designated; this data may not be valid for such material used in combination with any other materials or additives or in any process, unless expressly indicated otherwise. The data provided should not be used to establish specification limits or used alone as the basis of design; they are not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of a specific material for your particular purposes. Final determination of suitability of any material or process and whether there is any infringement of patents is the sole responsibility of the user. Since Kuraray cannot anticipate all variations in actual end-use conditions, Kuraray makes no warranties and assumes no liability in connection with any use of this information.

kuraray **Septon™** **BIO-series**