



# Exfoliating Body Scrub with Biodegradable Ecobeads



a **Cargill** company

Products Highlighted: *Ecobeads*<sup>®</sup>, *Floraesters K-20W*<sup>®</sup> *Jojoba*, and *Florasun*<sup>®</sup> *90*

The Exfoliating Body Scrub with Biodegradable Ecobeads combines the gentle, yet effective, exfoliation of Ecobeads with the long-lasting moisturizing effects of Floraesters<sup>®</sup> K-20W Jojoba and glycerin, in an anhydrous platform. This refreshing body scrub leaves the skin soft and smooth after only one use.

Phase	Trade/Common Name	INCI Name	Manufacturer	%wt/wt
A.	Glycerin	Glycerin	Cargill Beauty	q.s.
	<b>Floraesters K-20W Jojoba</b>	<b>Hydrolyzed Jojoba Esters (and) Water (Aqua)</b>	<b>Floratech</b>	<b>5.00</b>
	Nomcort <sup>®</sup> HK-P	Polyglyceryl-10 Behenate/Eicosadioate	Nisshin Oillio Mills Ltd.	2.00
	SYNETH <sup>®</sup> P11 K RSPO MB Pastille	Polyglyceryl-10 Dipalmitate	Lonza, Inc.	3.00
	<b>Florasun 90</b>	<b>Helianthus Annuus (Sunflower) Seed Oil</b>	<b>Floratech</b>	<b>13.55</b>
B.	Preservative <sup>1</sup>	-----	-----	q.s.
	Fragrance <sup>2</sup>	-----	-----	q.s.
C.	<b>Ecobeads Natural</b> <sup>3</sup>	<b>Stearyl Stearate (and) Euphorbia Cerifera (Candelilla) Wax (and) Jojoba Esters</b>	<b>Floratech</b>	<b>35.00</b>
			<b>Total</b>	<b>100.00</b>

## Mixing Procedure

1. Add the Glycerin of Phase A to the main vessel and begin heating. At 60-65°C, add the Floraesters K-20W Jojoba with moderate propeller agitation. Continue heating to 75-80°C.
2. Once no gel bodies are present, add the Nomcort HK-P and the SYNETH P11 K RSPO MB Pastille of Phase A with moderate propeller agitation.
3. In a separate vessel, heat the Florasun 90 of Phase A to 75-80°C. Slowly add the Florasun 90 to the main vessel to create a gel. Begin cooling Phase A with low propeller agitation.
4. At 45°C, add the ingredients of Phase B to Phase A in the order listed with low propeller agitation. Mix until Phase AB becomes uniform. Continue cooling.
5. At 25-30°C, add Phase C to Phase AB with low propeller agitation to minimize aeration. Mix until particles are uniformly dispersed.

<sup>1</sup> Preservative: *euxyl*<sup>®</sup> K 900 [INCI: Benzyl Alcohol (and) Ethylhexylglycerin (and) Tocopherol] supplied by Schülke Inc.

<sup>2</sup> Fragrance: Pear & Sugar Lotus Fragrance ORC0600588 [INCI: Fragrance] supplied by Orchidia Fragrances

<sup>3</sup> Any color or combination of colors may be used.

Typical Properties: **Viscosity: 182 - 432kCP**

Note: The information herein is based on our research and the research of others and is believed to be accurate. No guarantee of accuracy is made and the products are provided without warranty, expressed or implied and upon condition that purchasers shall make their own tests to determine the suitability, stability or safety of such products for their particular purposes. Likewise, statements concerning the possible use of these products are not intended as recommendations to use these products in infringement of any patent or in the treatment, prevention, or cure of any medical condition. INCI/trade names must be verified with each manufacturer. (Cleared for Public Disclosure)

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Demo Available Efficacy Data Available (ref. Claim Sheet [CS16-085](#): Consumers Prefer a Body Scrub with Ecobeads)