



514, 6th Floor, Adamji Bldg., 413, Narshi Natha Street, Mumbai - 400 009. (INDIA).

Tel. : 0091-22-2343 9093 | Fax : 0091-22-6634 9992 | E-mail : info@hajexports.com | Web : www.hajexports.com

HAJ LIS 80

Viscosity increasing additive for mild shampoos or body washes

- very mild product
- easy to handle at 25 – 35 °C
- nitrogen-free
- vegetable based
- good mucous membrane and skin compatibility

Personal Care

INCI Name

PEG-200 Hydrogenated Glyceryl Palmate;
PEG-7 Glyceryl Cocoate

Chemical and physical properties (not part of specifications)

Appearance (20 °C)	slightly yellowish, opaque liquid
--------------------	--------------------------------------

Properties

HAJODERM LI S 80 is a liquid additive used to regulate viscosity. It is skin friendly and nitrogen-free. HAJODERM LI S 80 can be easily processed at room temperature.

An average foam height was determined for HAJODERM LI S 80 using the Ross Miles method.

HAJODERM LI S 80 has no influence on the foam height in formulations when its concentration is between 1 and 4 %.

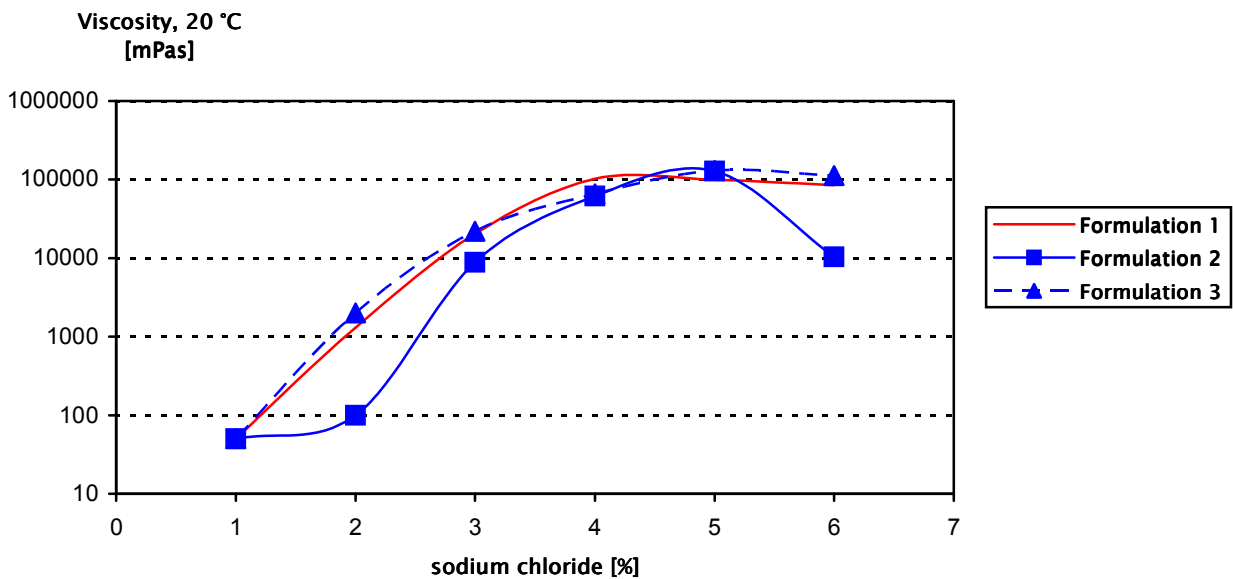
Since it is a non-ionic surfactant, HAJODERM LI S 80 is compatible with anionic and amphoteric surfactants. To ensure the stability of the steps in the final product, we recommend adjusting pH of formulations containing HAJODERM LI S 80 between 5.0 and 8.0.

Application

HAJODERM LI S 80 has been developed as liquid thickener, nitrogen-free, that can be processed at room temperature. It is used in:

- Foam baths
- Shower baths
- Hair shampoos
- Liquid soaps
- Baby shampoos
- Cleaning preparations for sensitive skin.

Examples of the viscosity of formulations with 14 % active matter, based on sodium lauryl ether sulfate, are shown in the following table.



Formulation	I	II	III
Sodium Laureth Sulfate, 28 %	53 %	45 %	45 %
HAJOPOL ° SB FA 30 B	-	5 %	-
HAJOTERIC ° AM 2 C NM	-	-	5 %
HAJODERM ° LI S 80	2 %	2 %	2 %
Sodium chloride	1 - 6 %	1 - 6 %	1 - 6 %
Water	to 100 %	to 100 %	to 100 %

Suggested usage concentration

When used as a thickening agent, 1 to 4 %
HAJODERM LI S 80 are recommended in the final formulation.

Packaging

25 kg Carboys

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in accidents and fires
- toxicity and ecological effects

is given in our material safety data sheets.

Guide Line Formulations

Mild Baby Shampoo, slightly conditioning KA 052666	
HAJOTERIC AM C (Sodium Cocoamphoacetate)	10.0 %
HAJOPOL SB CS 50 B (Disodium PEG-5 Laurylcitrate Sulfo- succinate; Sodium Laureth Sulfate)	5.0 %
HAJOPOL SB FA 30 B (Disodium Laureth Sulfosuccinate)	10.0 %
HAJODERM LI S 80 (PEG-200 Hydrogenated Glyceryl Palmate; PEG-7 Glyceryl Cocoate)	4.0 %
HAJOSOFT GC (PEG-7 Glyceryl Cocoate)	0.5 %
HAJOMID IPP 240 (Cocamide MIPA)	0.5 %
HAJISOFT PATC (Palmitamidopropyltrimonium Chloride)	2.5 %
Water	67.5 %
Citric Acid Monohydrate	q.s.
Preservative	q.s.
Preparation: Homogenize the ingredients in the given order at approximately 50 °C and stir. Adjust the pH value to approximately 5.5 with citric acid and the desired viscosity with sodium chloride. Finally add preservatives as required.	

Moisturizing Body Wash JB 215/1	
Sodium Laureth Sulfate, 28 %	30.0 %
HAJOSOFT PC 31 (Polyglyceryl-3 Caprate)	0.5 %
ABIL® B 8832 (Bis-PEG/PPG-20/20 Dimethicone)	0.3 %
Perfume	0.3 %
Water	54.1 %
HAJOCEL HPM 4000 (Hydroxypropyl Methylcellulose)	0.3 %
HAJOTERIC AM C (Sodium Cocoamphoacetate)	10.0 %
Citric Acid Monohydrate	0.5 %
HAJODERM® LI S 80 (PEG-200 Hydrogenated Glyceryl Palmate; PEG-7 Glyceryl Cocoate)	2.0 %
HAJO Pearl N 300 (Glycol Distearate; Laureth-4; Cocamidopropyl Betaine)	2.0 %
Preparation: Dissolve the cellulose in the water and let it swell. Blend the other ingredients in the given order.	

Shampoo for grey / white and coarse hair SG 909/12	
Sodium Laureth Sulfate, 28 %	32.0 %
ABIL® Quat 3272 (Quaternium-80)	1.0 %
Water	55.9 %
Polyquaternium-10	0.3 %
HAJO Betain F 50 (Cocamidopropyl Betaine)	8.0 %
HAJOSOFT PATC (Palmitamidopropyltrimonium Chloride)	1.0 %
HAJODERM LI S 80 (PEG-200 Hydrogenated Glyceryl Palmate; PEG-7 Glyceryl Cocoate)	1.8 %
Sodium Chloride	0.15 %
Preservative; Perfume	q.s.
Preparation: Dissolve the Polyquaternium-10 in the water and let it swell. Dissolve the ABIL® Quat 3272 in the Sodium Laureth Sulfate. Add the other ingredients in the given order.	

2 in 1 Shampoo for Kids VK 54/4	
Sodium Laureth Sulfate, 28 %	20.0 %
HAIJOPOL SB FA 30 B (Disodium Laureth Sulfosuccinate)	6.0 %
HAIJOSOFT® LSE 65 K Soft (Sucrose Cocoate)	2.5 %
ABIL® Quat 3272 (Quaternium-80)	2.0 %
Water	54.9 %
Polymer JR 400 (Polyquaternium-10, Amerchol)	0.1 %
HAJO Betain F 50 (Cocamidopropyl Betaine)	7.0 %
HAIJOSOFT PATC (Palmitamidopropyltrimonium Chloride)	2.5 %
HAIJODERM LI S 80 (PEG-200 Hydrogenated Glyceryl Palmate; PEG-7 Glyceryl Cocoate)	3.0 %
HAJO Pearl N 100 (Glycol Distearate; Steareth-4)	2.0 %
Preservative; Perfume	q.s.
Preparation: Stir the Polyquaternium-10 in the water and let it swell. Mix the ingredients in the given order.	

B 05/12

Also available form HAJ EXPORTS

HAIJOPOL SB FA 30 B (Disodium Laureth Sulfosuccinate)

HAIJOTERIC (Disodium Cocoamphodiacetate)

HAIJOMID (Cocamide DEA)

HAIJISOFT PA TC (Palmitamidopropyltriammonium Chloride)

HAJO Pearl N 300 (Glycol Distearate ; Laureth-4 ; Cocamidopropyl Betaine

TEGOCEL HPM 4000 (Hydroxypropyl Methylcellulose)