

**Kao Corporation, S.A.****Member of Kao Chemicals Europe**

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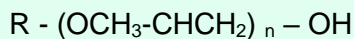
Fax : +34 93 739 93 77

Web : www.kaochemicals-eu.com**KAO SOFCARE® GP-1**

The corresponding product is also available in compliance to RSPO rules. In this case the product name is followed by the suffix "MB", which can be found in related order documents, e.g. invoices and/or delivery notes. All these documents also include our RSPO certification number: CU-RSPO SCC-819585

DESCRIPTION

- Multifunctional conditioning agent
- Total or partial replacement for silicones
- Vegetable origin

CHEMICAL IDENTIFICATIONR = C₈

n = 2.7

INCI or Chemical Name: PPG-3 Caprylyl Ether

EU CAS Number: 29117-02-0

US CAS Number: 29117-02-0

TECHNICAL SPECIFICATION

		Kao Method
COLOUR (Apha):	100 max.	KCSA-207
WATER CONTENT (%):	0.5 max.	KCSA-119
ACID VALUE (mg KOH/g):	0.5 max.	KCSA-125



KAO SOFCARE® GP-1

TYPICAL CHARACTERISTICS

APPEARANCE (20°C):	Colorless to light yellow liquid
VISCOSITY (20°C, cP):	Approx. 10
pH (5% suspension):	5 - 7
HYDROXYL VALUE (mg KOH/g):	185 - 197

APPLICATION PROPERTIES

- KAO SOFCARE® GP-1 is a multifunctional conditioning agent for personal care products, imparting similar characteristics to those of silicone, such as feel and functionality.
- KAO SOFCARE® GP-1 is an ideal total or partial replacement for amodimethicones and dimethicones. It is easily incorporated in shampoos and conditioners (a polymer for stabilization is not required) and offers thickening properties.
- Due to its chemical structure, it is compatible with anionic, cationic, non-ionic and amphoteric surfactants as well as other raw materials used in cosmetic formulations.

STORAGE–HANDLING–SHELF LIFE

- KAO SOFCARE® GP-1 is chemically stable for a long period of time under appropriate storage conditions (temperature of 25°C and original unopened container).
- If stored for a long period of time, it is advisable to homogenize the product before use, especially if it has been subjected to low temperatures. Small changes in the appearance can be easily recovered by applying a moderate agitation at 25-30°C. A general recommendation is to use the full container every time.
- The shelf life of KAO SOFCARE® GP-1 can be considered of 2 years minimum under proper storage conditions. After longer storage time some of its characterising parameters (*odour, appearance, colour, pH...*) should be checked before using it.

The information and recommendations in this publication are to the best of our knowledge reliable. However, nothing herein is to be construed as a warranty or representation. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purpose. Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is assumed.

