

Kao Chemicals Europe, S.L.



Kao Corporation, S.A.

Puig dels Tudons, 10

08210 BARBERÀ DEL VALLÈS - SPAIN

Tel.: +34 93 7399 300 / Fax: +34 93 7399 462

Kao Chemicals GmbH

Kupferstrasse, 1

D-46446 EMMERICH - GERMANY

Tel.: +49 2822 711 0 / Fax: +49 2822 711 209

E-mail: psr@kao.es

Enriching lives,
in harmony with nature.

Product Data Sheet

1 - General information

Trade name:	AKYPO RLM 45 N
Raw material category (e.g. anionic surfactant):	
Ionicity (in water):	Anionic.
Chemical family:	Polymer. Surfactant.
Main organic functional group/s :	Carboxylic acid. Ether.
Function :	Cleansing agent. Emulsifying agent.
Uses:	Cosmetics.
Ingredient description (INCI or Chemical name):	Sodium Laureth-6 Carboxylate
	CAS / EINECS : See Safety Data Sheet section 3 and TDS.
	REACH: See EU Safety Data Sheet section 1 and/or 3.

2 - Manufacturing information

Manufacturing chemistry :	Ethoxylation, carboxymethylation, washing out, neutralisation.
Is the starting material derived from genetically modified organisms (GMO)?:	No.
Origin:	The material origin is vegetal / synthetic.

3 - Composition of Ingredient

The given composition does not represent a specification.

The list only includes the information which is relevant for the labelling of a finished product, i.e. major product component (s) and additives (preserving agents, antioxidants/stabilizers, and solvents.)

For Impurities, please refer to Section 4

INCI name (% approx.)

Sodium Laureth-6 Carboxylate (82)

Aqua (up to 100)

4 - Impurities

This section includes known impurities having an impact in risk assessment, comprising unavoidable residues of chemicals used in the manufacture process or minor by-products. Generally, presence of these impurities is technically unavoidable in good manufacturing practice.

Other impurities and by-products that form an intrinsic part of the product and that may be relevant for the product quality and performance are not detailed here in but in product Technical Data Sheet (TDS).

1,4-Dioxane:	Not expected from the process.
Ethylene oxide :	Not expected from the process.
Solvent residues :	Not expected from the process.
Residual monomers :	See ethylene oxide.
Amines :	Not expected from the process.
Nitrosamines :	Not expected from the process.
Heavy metals :	< 15 ppm (as Pb)
Monochloroacetic acid :	< 20 ppm
Dichloroacetic acid :	Not detected
Glycol ethers :	Methoxy Glycols (EGDME, TEGDME, DEGME, ...): Not expected from the process Buthoxy Glycols (DEGBE, EGBE, ...): Not expected from the process DEG: <0.05%

5 - Microbiological quality

Not expected from the composition.

6 - Specifications and product characteristics

See Safety Data Sheet section 9 and TDS.

7 - Toxicological information

See Safety Data Sheet section 11.

8 - Environmental information

See Safety Data Sheet section 12.

9 - Storage and handling

See Safety Data Sheet section 7 and TDS.

10 - Other information

Animal testing :

Kao Chemicals Europe S.L. or one of its European affiliates have conducted a vertebrate animal test on this substance or product or have been involved in the testing. Last test done was:

Acute dermal irritation rabbit (OECD 404), in 1996

Nevertheless, this product or substance was not tested for cosmetic purposes, but to fulfil general safety requirements or as specifically requested by national and/or international regulations.

Nanomaterials :

This product cannot be considered a nanomaterial based on the definition of the Cosmetics Regulation (EC) No 1223/2009.

Cosmetics allergens :

<u>Name</u>	<u>CAS</u>	<u>Total %</u>
ALPHA ISOMETHYL IONONE	127-51-5	---
AMYL CINNAMAL	122-40-7	---
AMYL CINNAMIC ALCOHOL	101-85-9	---
ANISE ALCOHOL	105-13-5	---
BENZYL ALCOHOL	100-51-6	---
BENZYL BENZOATE	120-51-4	---
BENZYL CINNAMATE	103-41-3	---

BENZYL SALICYLATE	118-58-1	---
BUTYLPHENYL	80-54-6	---
METHYLPROPIONAL		
CINNAMAL	104-55-2	---
CINNAMYL ALCOHOL	104-54-1	---
CITRAL	5392-40-5	---
CITRONELLOL	106-22-9	---
COUMARIN	91-64-5	---
EUGENOL	97-53-0	---
EVERNIA FURFURACEAE	90028-67-4	---
EXTRACT		
EVERNIA PRUNASTRI EXTRACT	90028-68-5	---
FARNESOL	4602-84-0	---
GERANIOL	106-24-1	---
HEXYL CINNAMAL	101-86-0	---
HYDROXYCITRONELLAL	107-75-5	---
HYDROXYISOHEXYL	31906-04-4	---
3-CYCLOHEXENE		
CARBOXALDEHYDE		
ISO EUGENOL	97-54-1	---
LIMONENE	5989-27-5	---
LINALOOL	78-70-6	---
METHYL 2 OCTYNOATE	111-12-6	---

"- -" means <0.001% (10 ppm)

- CMR :** This product does not contain substances that lead to a classification as carcinogenic, mutagenic or toxic for reproduction (Cat. 1A, 1B or 2) in the meaning of Regulation (EC) No 1272/2008 and Regulation (EC) No 1223/2009.
- Phthalates :** This product does not contain phthalates. These substances are not intentionally added during the production process, nor are they employed on the units where it is manufactured or processed. Therefore, we have no reason to expect their presence in our product and we do not perform their determination on a routine basis.
- Parabens:** This product does not contain parabens. These substances are not intentionally added during the production process, nor are they employed on the units where it is manufactured or processed. Therefore, we have no reason to expect their presence in our product and we do not perform their determination on a routine basis.
- SVHC :** To the best of our knowledge this product does not contain any SVHC (Substance of Very High Concern) according to the current candidate list updated on the 19/01/2021 by the ECHA (European Chemical Agency).
- Gluten, lactose, soy, nuts and other food allergens:** This product does not contain food allergens listed within Annex II of Regulation (EU) No 1169/2011. These substances are not intentionally added during the production process, nor are they employed on the units where it is manufactured or processed. Therefore, this excludes possibility of cross contamination with food allergens in this product, we have no reason to expect their presence in our product and we do not perform its determination on a routine basis.
- Halal status :** This product does not contain, nor come into contact with any non-halal substances in the course of its production and packing.
- Silicone, latex and rubber:** This product according to its recipe and its production specifications does not contain silicone or latex.

Pesticides : The product and the raw materials used to manufacture it do not contain pesticides according to Directive 91/414/CE and its amendments, Regulation (EC) No 396/2005 and its amendments, Regulation (EC) No 149/2008 modified by Regulation (EC) No 839/2008. Pesticides are not stored on site, nor used in the manufacturing or warehousing areas.

Irradiation : This product has not been irradiated.

BSE/TSE status : Based on our knowledge of the raw materials and processes used in the manufacture of this product, we have no reason to expect that animal-derived materials are present in this product. Therefore we can exclude the risk of Bovine/Transmissible Spongiform Encephalopathy (BSE/TSE) contamination.

CITES : None of the raw materials or ingredients of this product is included in the endangered species of wildlife list under CITES Convention (the Convention on International Trade in Endangered Species of Wild Fauna and Flora signed at Washington, DC, on 3 March 1973) or Regulation (EC) No 338/97 of 9 December 1996 on the protection of species of wild fauna and flora.

Version : 4.21

Date of issue : 18/02/2021

This document exclusively relates to the product sold by Kao referred to in the present document (the Product). It is the sole proprietary of Kao and is intended solely for use by the receiving company (the Addressee). The Addressee acknowledges that the information herein disclosed must be used by the Addressee or the Addressee's customers only and exclusively in connection with compliance of regulations applying to the Products or to products containing the Product, (Authorized Use). Any other use or disclosure of the present document or any of the information disclosed herewith is strictly prohibited. The Addressee agrees and acknowledges that the distribution of the present document and any of the information contained therein inside the Addressee's organization will be strictly limited to a "need-to-know" basis in connection with the only Authorized Use, as hereinabove defined.

As of today, the information and recommendations in this document are to the best of our knowledge reliable. However, nothing herein is to be understood, interpreted or construed as a warranty or representation of Kao. It is recommended that the Addressee conducts its own tests to determine the applicability of such information or the suitability of any Product for their own particular purpose. Statements concerning the use of the Product described herein are not to be understood, interpreted or construed as accepting or recommending the infringement of any patent and Kao does not assume any liability for infringement arising out of any such use by Addressee. Kao further does not assume any liability for usability, completeness or correctness of information provided with this document unless this is explicitly stated by Kao in writing. The Addressee of information disclosed herewith agrees to hold Kao, its officers, directors and employees free and harmless from any claims that may be brought by any third party related to this document or any information contained therein. Further any recipient of information agrees to indemnify Kao, its officers, directors and employees in full for any damages incurred due to unauthorized use by the Addressee or any party related to it.