

TECHNICAL DATA SHEET

Effective date: 11.2022

GUAR QUAT

INFORMATION ON SUBSTANCE / MIXTURE:

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|----------------------|---|
| INCI | Guar Hydroxypropyltrimonium Chloride |
| Chemical description | Quaternized Guar Flour |
| Physical form | White to yellow fine powder with a characteristic intrinsic odor |
| Examples of use | Cosmetic ingredient. Its compatibility with anionic surfactants makes this cationic guar derivative a universally usable cationic polymer in shampoos and hair aftertreatment agents with high conditioning performance |

Physical properties

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|-------------------------------|-----------------------------|
| Appearance | Corresponds to the standard |
| Water | max. 10 % |
| Active matter | min. 90 % |
| pH value 25 °C (1 % in Water) | 9.0 - 10.5 |

TRANSPORT, STORAGE and SHELF LIFE

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| Shelf Life | Min 24 months in recommended storage conditions. Storage temperature < + 30 °C in original sealed containers and protected from moisture. |
| Storage | Store in a dry place. Under proper storage conditions germ formations are excluded. Material meets the following microbiological criteria: Aerobic organisms <= 1000 colony forming units/g Moulds/Yeasts <= 100 colony forming units/g |

LEGISLATION

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| Certification | Cosmos approved |
| CMR | This product is free from substances classified as carcinogenic, mutagenic or toxic for reproduction (CMR) of category 1A, 1B or 2 under Part 3 of Annex VI to Regulation (EC) No 1272/2008 |
| Nanomaterials | This product is not considered as a nanomaterial, and doesn't contain nanoparticles as defined by the European commission and as described in EU n°1223/2009 and 2012-232 (ANSES). |
| Animal testing | This product has not been tested on animals. |

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| GMO | Manufactured neither from nor by GMOs as those terms are used in Articles 2 and 9 of Council Regulation (EC) N°834/2007. |
| CAS | 65497-29-2 |

DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.