	Dossier technique et réglementaire / <i>Technical and regulatory document</i> POLYQUATERNIUM 10	Octobre 2025 / October 2025
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INCI: **polyquaternium - 10**
N°CAS: 68610-92-4
N°EINECS/ELINCS: -

DESCRIPTION / DESCRIPTION:

Sel d'ammonium quaternaire obtenu par réaction d'un dérivé cellulosique avec un époxyde de triméthyl ammonium substitué. / *Quaternary ammonium salt obtained by reaction of a cellulosic derivative with a substituted trimethyl ammonium epoxide.*

Le polyquaternium 10 est un tensioactif cationique utilisé en tant que conditionneur dans une large gamme de produits de soins des cheveux et de la peau. / *Polyquaternium 10 is a cationic surfactant used as a conditioner in a wide range of hair and skin care products.*

Compatible avec la plupart des tensioactifs anioniques, il peut être utilisé dans des formulations transparentes et améliore le démêlage et la douceur des cheveux. / *Compatible with most anionic surfactants, it can be used in transparent formulations and improves the detangling and softness of the hair.*

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:

CARACTERISTIQUES	SPECIFICATIONS
Aspect / <i>Aspect</i>	Poudre jaunâtre / <i>Yellowish powder</i>
Perte à la dessiccation / <i>Loss on drying</i>	≤ 6 %
pH (2%, 25°C)	4-7
Viscosité / <i>viscosity at 25°C, 2%sol</i>	300-500 mPa.s
Teneur Nitrogen / <i>nitrogen content</i>	1.5 - 2.2 %
Teneur Cendres / <i>ash content</i>	≤ 3 %

Ces éléments seront repris sur nos BA / these elements will be on **our CoA**

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

Point éclair / *flash point* > 93°C

Dosage recommandé 0.1-1.2% concentration active / *Recommended dosage 0.1-1.2% active concentrations*

This product is suitable for vegans.

Natural Indice (ISO 16128) :

natural : 0 natural origin : 0.47 to 0.52
Organic : 0 organic origin : 0


APPLICATIONS:

Cosmétiques : Produits de soins pour cheveux et pour la peau. / *cosmetics : hair and skin care products.*

CONDITIONNEMENT STANDARD / STANDARD PACKAGING:

Tonnelet de 25 kg / *25 kg drum*

Additives	No data available
Allergen	Doesn't contain cosmetics allergen (regulation 1223/2009 & 2023/1545)
Animal Testing	This product has not been tested on animals.
BSE - Bovine Spongiform Encephalopathy	No BSE risk
California Prop 65	This product (CAS: 68610-92-4) is not listed
Carcinogenic, Mutagenic	the content of dioxane residues is < 2ppm and Ethylene oxide < 1ppm.

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and Reprotoxic (CMR)			
Composition	Polyquaternium 10 \geq 94% (100% - drying content) and water (up to 100%)		
Cosmetic	This product is compliant with cosmetics regulation (EC) No 1223/2009		
Cosmos / Ecocert	This product is synthetic – not accepted by Cosmos		
Danger	This product is classified as dangerous according to CLP but not with ADR		
Dioxane	dioxane residues is < 2ppm		
Ecolabel	<i>No data available</i>		
European Pharmacopeia	<i>No data available</i>		
Food	Is not a food grade product		
Genetically Modified Organisms (GMO)	Doesn't contain GMO		
Inventories	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Listed in China IECSC, USA TSCA, New Zealand NZIoC, Philippines PICCS,</td> <td style="width: 50%;">Australia AIIC, Canada DSL, Taiwan TCSI, Korea KECL Thailand TECl</td> </tr> </table>	Listed in China IECSC, USA TSCA, New Zealand NZIoC, Philippines PICCS,	Australia AIIC, Canada DSL, Taiwan TCSI, Korea KECL Thailand TECl
Listed in China IECSC, USA TSCA, New Zealand NZIoC, Philippines PICCS,	Australia AIIC, Canada DSL, Taiwan TCSI, Korea KECL Thailand TECl		
Geographic origin (for plant)	<i>No data available</i>		
Glycol ether	<i>No data available</i>		
Halal	No halal certified		
Heavy Metals	In compliance with EC/1881/2006. We declare that the concentration of Lead, Arsenic and Mercury metals is less than 0.2 ppm detection limit.		
HS code	<i>No data available</i>		
Irradiation / ionization	<i>No data available</i>		
Kosher	No Kosher certified		
Latex	<i>No data available</i>		
Manufacturing location	<i>No data available</i>		
Microbiological data	<i>No data available</i>		
Microplastic	<i>No data available</i>		
Nanomaterials	The product does not meet the definition of nanomaterials as listed in regulation (EC) No 1223/2009.		
Nitrosamine	<i>No data available</i>		
Nutritional data	Not concerned		
Origin	Synthetic and natural (cellulose – cotton)		
PAH/PFAS	<i>No data available</i>		
Pesticide	<i>No data available</i>		
Phthalate	<i>No data available</i>		
Preservative	<i>No data available</i>		
Process	Quaternary ammonium salt obtained by reaction of a natural cellulosic derivative with a substituted trimethyl ammonium epoxide.		
REACH	Exempted (polymer)		
Residual Solvents	<i>No data available</i>		
RSPO	This product doesn't contain substances which are derived from palm oil or palm kernel oil – not concerned		
Shelf Life before re-check	2 years		
Substances of Very High Concern (SVHC)	<i>No data available</i>		
Volatiles organic compounds (VOC)	<i>No data available</i>		

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Ce document annule et remplace tous documents techniques et réglementaires précédents / *This document cancels and replaces all technical and regulatory previous documents.*