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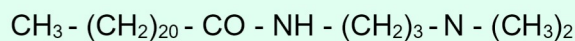
Material Group	107352
Date	Nov 2021

AMIDET® APA-22

DESCRIPTION

- Conditioning agent
- Anti-static effect
- Hair care application
- Vegetable origin

CHEMICAL IDENTIFICATION



INCI or Chemical Name: Behenamidopropyl Dimethylamine

EU CAS Number : 60270-33-9

US CAS Number : 60270-33-9

TECHNICAL SPECIFICATION

		Kao Method
APPEARANCE (20°C) :	Pellets, white to yellowish	KCSA-258
ODOUR:	Characteristic	KCSA-267
COLOUR (Gardner):	Max. 5.0	KCSA-222
ACID VALUE (mg KOH/g):	Max. 4.0	KCSA-125
TOTAL AMINE VALUE (mg KOH/g):	128 -136	KCSA-129



AMIDET® APA-22

TYPICAL CHARACTERISTICS

DRY MATTER (%):	Min. 99
SOLUBILITY IN WATER:	Not Soluble
MELTING POINT (°C):	75 - 81
CHARACTER :	Non-ionic (cationic in acidic media)
ALKYL CHAIN:	Arachyl - Behenyl

APPLICATION PROPERTIES

- AMIDET® APA-22 performs as antistatic, softener and conditioner in hair rinse formulations and can also be used as conditioning additive for “2 in 1” shampoos.
- Due to its non-ionic character, it is compatible with other anionic, cationic or amphoteric surfactants. Can be mixed with them in different compositions.
- AMIDET® APA-22 is also compatible with soaps and anionic surfactants. It has been checked that using it as additive (up to 1%) transparent and stable final products can be obtained.
- In spite that AMIDET® APA-22 is not water-soluble as it is, its amidoamine salts (neutralised solutions with acids, like lactic acid) are completely dispersible in water and its appearance is clear and transparent below 0.5% of AMIDET® APA-22.

STORAGE–HANDLING–SHELF LIFE

- AMIDET® APA-22 is chemically stable for a long period of time under appropriate storage conditions (temperature of 25°C and original unopened container). A general advise it to use the complete container every time.
- The shelf life of AMIDET® APA-22 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.

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