



Kao Corporation, S.A

Member of Kao Chemicals Europe

Puig dels Tudons, 10 -E-08210 Barberà del Vallès

Phone : +34 93 739 93 00

E-mail : marketing@kao.es

Fax : +34 93 739 93 77

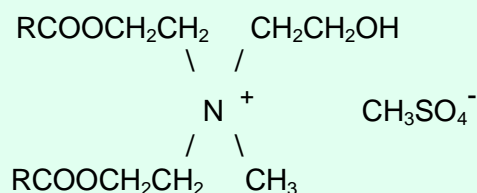
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TETRANYL® L1-901

DESCRIPTION

- Cationic surfactant for domestic softener
- Ecological and biodegradable product
- Anti-static, rewetting and softening effect
- Non-yellowing product

CHEMICAL IDENTIFICATION



RCOO⁻ : partially hydrogenated tallow

INCI Name : Dihydrogenated Tallowylethyl Hydroxyethylmonium Methosulfate
& Ditalowylethyl Hydroxyethylmonium Methosulfate

CAS Number : 91995 – 81 – 2

TECHNICAL SPECIFICATION

ODOUR :	Characteristic	KCSA-272
COLOUR (Gardner) :	3 max.	KCSA-222
pH (5% in water) :	2.5 – 3.5	KCSA-127
ACTIVE MATTER (meq/g) :	1.02 – 1.12	KCSA-178
VOLATILE MATTER (%) :	9 – 11	KCSA-283
ACID VALUE (mg KOH/g) :	6.0 max.	KCSA-125
TOTAL AMINE VALUE (mg KOH/g) :	3.5 - 5.0	KCSA-129



TETRANYL[®] L1-901

TYPICAL CHARACTERISTICS

APPEARANCE (20°C) :	Solid paste
APPROXIMATED CONCENTRATION (%) :	90 approx.
ASH (%) :	< 0.1
DROPPING POINT (°C) :	38 - 40
VOLATILE SOLVENT (%) :	Isopropyl alcohol
FLASH POINT (°C) (closed cup) :	25 - 35
CHARACTER :	Cationic

APPLICATION PROPERTIES

- TETRANYL[®] L1-901 is a cationic surfactant of the new generation of esterquats. These products have better biodegradability, lower toxicity and lower irritation than typical quaternary ammonium compounds.
- TETRANYL[®] L1-901 can be used in both regular and concentrated softeners.
- Main functions of TETRANYL[®] L1-901 are anti-static and conditioning effects.

STORAGE-HANDLING-SHELF LIFE

- TETRANYL[®] L1-901 is chemically stable for a long period of time under appropriate storage conditions (temperature of 25°C and original unopened container).
- It is advisable to homogenize the product at 50°C before its use. A general advice is to use the complete container every time.
- The shelf life of TETRANYL[®] L1-901 can be considered of 1 year minimum under proper storage conditions. After longer storage time some of its characterising parameters (odour, appearance, colour, pH...), should be checked before using it.
- For safety reasons, TETRANYL[®] L1-901 must be stored in areas with good ventilation and conditioned for flammable products.
- For long storage periods it is advised to avoid temperature above 40°C.

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