

Quaternium-31

Specification Sheet

Description: Cationic quaternary alkyl dimethyl ammonium salt (dicetyldimonium chloride) which exhibits excellent substantivity toward hair and skin. pH: 5% solids in 50/50 water: 6.5-8.5. Activity: 67-69% active substances. Clear yellow liquid, characteristic faint odor.

CAS: 107-88-0, 67-63-0

INCI Name: Dicetyldimonium chloride, isopropyl alcohol

Benefits:

- Effective anti-static properties, gives hair a softer feel, easy comb out and control of fly-away hair
- Due to its liquid nature will not thicken solutions, can be used in pump sprays as well. No build-up effect.
- Easily dispersible in water, makes it easy to formulate with

Use: Add to formulas as is. Typical use level: 2-10%. For external use only.

Applications: Hair conditioners, shampoos, hair rinses, spritzes, mousse, leave-on spritzes.

Country of Origin: USA

Raw material source: Methenamine and organochlorine compounds

Manufacture: Quaternium-31 can be prepared by reacting methenamine with an organochlorine compound.

Animal Testing: Not animal tested

GMO: GMO free (does not contain plant-derived components)

Vegan: Does not contain animal-derived components