

SPAK ORGOCHEM (INDIA) PVT LTD

(Govt. Approved Export House)

Head Office : A-2/3, Suman Nagar, Sion-Trombay Road, Chembur, Mumbai - 400 071.

Tel.: 2529 3450, 2523 0030, 2522 0083 Fax : 2523 3504 Email : spak@mtnl.net.in



IZH – 284 (Cocoamido propyl betaine)

IZH-284, a pseudo - amphoteric surfactant, is an ideal product for use in shampoos due to its very special properties. It is mild to the eyes and skin, as well as exceptionally gentle to the hair. It acts as a foam booster and stabilizer, as a hair conditioner, as a viscosity control agent, and as an anti-irritant and is thus very useful ingredient shampoo due to its multi-functionality.

Shampoos are expected to foam and foam well because users identify their foaming ability with cleansing performance. Foam helps to remove soil and in allowing hands to work through hair due to its lubricating property. Foam boosting is a synergistic phenomenon and experiments have shown that IZH-284 boosts the foaming of commonly used principle anionic surfactants such as sodium lauryl ether sulfate, sodium lauryl sulfate, sodium -olefin sulfonate, etc.

Foam stabilization delays the collapse of the foam. Viscosity is an important factor in foam stabilization because higher viscous liquid drains slowly from the bubble film and thus enhance the bubble life. IZH-284 increases the surface viscosity and thus contributes to the foam stabilization.

Some oil is necessary for the proper care of the hair. Unfortunately the primary anionic surfactants in the shampoo cannot control the oil removal. It is essential to return some oil or fatty material to the hair to condition it during shampooing. IZH-284 has a good conditioning property and at acid pH it is substantive to the hair due to its cationic nature. Its addition improves wet comb-out, leaves dryhair lustrous and manageable and with reduced fly-away.

Addition of IZH-284 to a shampoo can contribute significantly to the viscosity of the shampoo. Very high viscosities, even gels, can be built up with commonly used primary anionic surfactants. IZH-284 to a shampoo can contribute significantly to the viscosity of the shampoo. Very high viscosities, even gels, can be built up with commonly used primary anionic surfactants. IZH-284 has its own foaming and cleansing property and therefore with its addition the primary anionic surfactant concentration in the shampoo can be reduced.

IZH-284 is not only non-irritant itself but will reduce the irritation of other primary anionic surfactants. This property known as detoxifying, leads to the use of IZH-284 in 'no-tear' or baby shampoos.

Application

In all categories of shampoos. Use levels up to 50% of the total surfactant concentration. Liquid soap formulations using IZH-284 and anionic surfactants like sodium -olefin sulfonate with high viscosities and excellent soap like after cleansing properties can be formulated.

We offer 2 grades of this product namely IZH-284 (35% Min.) and IZH-284 (conc) (45% Min) and the specifications for both are available on request.