
DESCRIPTION

FM 0810 is a nonionic surfactant, which is made from natural raw materials. It is very mild and readily biodegradable. The product is generally used as a secondary surfactant for cleansing products, because of its excellent mildness, foaming performance and ability to reduce irritation.

PRODUCT IDENTIFICATION

INCI Name: Caprylyl/Decyl Glucoside

CAS No. : 68515-73-1

C-chain distribution: C8-C10

SPECIFICATION

ITEMS	SPECIFICATION
Appearance	Light yellow liquid
Solid content	50.0% Min
Viscosity (20°C)	100mPa.s Min
pH (25°C, 10% aq sol)	11.5-12.5
Free fatty alcohol	1.0% Max
Sulphated ash	4.0% Max

STORAGE

The product may be stored for 24 months from the date of manufacture in the unopened original container and at room temperature. Keep container tightly closed.

PROPERTIES

FM 0810 is a nonionic surfactant which is made from natural raw materials, natural alcohols and glucose derived from plants. Its superior properties include: detergency, wetting, dispersing and surface tension reduction, compatibility, especially foaming property. It also exhibits excellent alkaline and electrolyte resistance and can solubilize other ingredients.

APPLICATION

FM 0810 can be used for caustic, neutral and acidic hard surface cleaning for the household and institutional sector, because it exhibits excellent caustic stability and solubility in highly concentrated salt, alkali and surfactant solution.

FM 0810 is low toxic, low irritating to skin and readily biodegradable. So it can be widely used in personal care products and household detergents: day cream, night cream, body cream & lotion, shampoo and hand cream, etc.

FM 0810 is also a good choice for industrial and institutional (I&I) cleaners, especially for hard surface cleaning and processing for its high alkaline stability and hydrotroping ability. FM 0810 can be formulated in bubble water as a foam agent.

