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Ppg-14 butyl ether chemical formula

Category:Cosmetic ingredient for conditioning skin and hair USA / EU / FDA / JECFA / FEMA / FLAVIS / Scholar / Patent Information: Physical properties: Organoleptic properties: Cosmetic Information: Suppliers: Safety information: Safety in use Information: Safety references: Additional information: Potential blenders and essential components note Potential uses: Occurrence (nature, food, other):P leet: None found material selection platform Cosmetics Ingredients Overview PPG-2 Butylther, PPG-4 Butyl Ether, PPG-5 Butyl Ether, PPG-9 Butyl Ether, PPG-12 Butyl Ether, PPG-14 Butyl Ether, PPG-15 Butyl Ether, PPG-16 Butyl Ether, PPG-17 Butyl Ether, PPG-18 Butyl Ether, PPG-20 Butyl Ether, PPG-22 Butyl Ether, PPG-24 Butyl Ether, PPG-26 Butyl Ether, PPG-30 Butyl Ether, PPG-33 Ale are polypropylene glycol ethers butyl, PPG-52 Butyl Ether and PPG-53 Butyl Ether, polypropylenglycol ethers butyl, where the average number of units of propylene glycol is indicated by the number in the name of the ingredient. In cosmetic and personal care products, PPG Butyl Ether ingredients are used in the formulation of personal purity products, hair and dyes, cologne and skin care products. Why is it used in cosmetics and personal care products? PPG Butyl Ether ingredients enhance the appearance of dry or damaged skin by reducing flaking and restoring elasticity. They also enhance the appearance and feel of hair, by increasing the body hair, elasticity, or shine, or by improving the texture of hair that has been damaged physically or chemically. Polypropylene glycol (PPG) Butyl Ethers are produced by the reaction of butyl alcohol with excess propylene glycol. The numeric value in the name represents the average number of units of propylene glycol. These components can also be named using numbers that represent the average molecular weight. For example, PPG-52 Butyl Ether can also be called PPG Butyl Ether 3000. Safety Safety of PPG Butyl Ether ingredients has been assessed by the Cosmetic Ingredients Review Panel (CIR). The CIR Expert Group evaluated the scientific data and concluded that PPG-2, -4, -5, -9, -12, -14, -15, -16, -17, -18, -20, -22, -24, -26, -30, -33, -40, -52 and -53 Butyl Ether was safe for use in cosmetics and personal care products if formulated to prevent irritation. Cir Safety Review: The CIR Expert Group was more interested in the possible effects of smaller PPG butyl Ether components because they have more potential to be absorbed through the skin. PG-2 Butyl Ether vapours were non-toxic by inhalation. PPG-2 Butyl Ether was non-toxic in short-term feeding and dermal exposure studies. In studies irritation caused PPG-2 Butyl Ether smaller, transient erytheme and platevamation; In addition, erytheme, edema, necrosis and other changes were observed during the acute percutaneous study. Butyl Ether also caused minor to moderate cramping irritation and minor corneal injuries. PPG-2 Butyl Ether in dermal application was non-toxic and did not cause developmental effects at doses of up to 1 ml/kg/day. PPG Butyl Ether with an average molecular weight of 800 (PPG BE800, between 12-14 units of propylene glycol) at concentrations of 0.001% to 0.26% in feed was non-carcinogenic after 2 years of treatment. In clinical trials, PPG BE800 was non-nitritive and skin insensitive when tested using 200 subjects. The PPG-40 Butyl Ether was neither irritating nor sensitizer in a repeat-insult patch test using 112 subjects. Although clinical trials have not shown that these components cause significant skin irritation, data from toxicity tests suggest that these components may be irritating. It is therefore concluded that PPG Butyl Ether ingredients can be safely used in cosmetics and personal care products if formulated to prevent irritation. Data on ingredients, propylene glycol, PPG and n-butyl alcohol from previous safety assessments that promoted the safety of PPG Butyl Ether components were also considered. PPG Butyl Ether ingredients may be used in cosmetics and personal care products placed on the market in Europe in accordance with the general provisions of the European Union Cosmetics Regulation. Reference to the EU Cosmetics Regulation: ... Other scientific information: PPG Butyl Ether ingredients are polypropylene glycol ethers of n-butyl alcohol. In cosmetic and personal products, PPG Butyl Ether components work as skin conditioners - various and hair conditioners. Sources of information