



INNOVATIVE SILICONE SPECIALTIES



Guerbet alcohols and their derivatives have long been of interest in the personal care market. This is due in part to the properties they bring to cosmetic formulations. Guerbet alcohols remain liquid at carbon numbers far in excess of their linear saturated alcohols. Guerbet alcohols are essentially saturated and consequently do not experience rancidity encountered in unsaturated alcohols. Finally, Guerbet alcohols are light in color and have a mild non-offensive taste, a very important factor in lip care.

Many derivatives have been made over the years by a variety of companies. The list below gives the title and number of patents of interest.

Guerbet Literature Search

- 1 7,038,005 Guerbet capped polyesters
- 2 6,911,567 Method for producing Guerbet alcohols
- 3 6,630,134 Guerbet wax esters in personal care applications
- 4 6,620,794 Guerbet functionalized phospholipids
- 5 6,610,751 Bimodal Guerbet alkoxyates as emulsifiers
- 6 6,419,797 Method for producing metal-free Guerbet alcohols
- 7 6,013,813 Guerbet based sorbitan esters
- 8 5,929,263 Guerbet branched quaternary compounds
- 9 5,919,959 Guerbet branched amine oxides
- 10 5,919,743 Guerbet branched quaternary compounds in personal care applications
- 11 5,808,158 Production of primary Guerbet amines
- 12 5,786,389 Guerbet castor esters
- 13 5,777,183 Process for the production of Guerbet alcohols
- 14 5,756,785 Guerbet betaines
- 15 5,744,626 Complex Guerbet acid esters



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- 16 5,736,571 Guerbet meadowfoam esters in personal care
- 17 5,717,119 Polyoxyalkylene glycol Guerbet esters
- 18 5,686,087 Cosmetic and/or pharmaceutical formulations with an improved feeling on the skin based on mixed Guerbet alcohols
- 19 5,646,321 Guerbet meadowfoam esters
- 20 5,639,791 Di-Guerbet esters in personal care applications
- 21 5,578,558 Hydraulic oils containing biodegradable Guerbet alcohols
- 22 5,488,121 Di-Guerbet esters
- 23 5,476,517 Use of Guerbet alcohols for preventing fatty spew on leather
- 24 5,387,374 Guerbet carbonates
- 25 5,312,968 Fluorine containing Guerbet citrate esters
- 26 5,298,038 Guerbet branched alkoxyated amine detergent additives
- 27 5,264,006 Guerbet alkyl ether mono amines
- 28 5,094,667 Guerbet alkyl ether mono amines
- 29 5,034,143 Novel lubricating Guerbet lactams
- 30 5,011,629 Hydroxystearic polyesters of Guerbet alcohols as polycarbonate lubricants
- 31 4,868,236 Citrate polyesters of Guerbet of alcohols and their alkoxyates as polycarbonate lubricants
- 32 4,830,769 Propoxylated Guerbet alcohols and esters thereof
- 33 4,800,077 Guerbet quaternary compounds
- 34 4,767,815 Guerbet alcohol esters
- 35 4,731,190 Alkoxyated Guerbet alcohols and esters as metal working lubricants
- 36 4,518,810 Process for preparation of Guerbet alcohols
- 37 4,011,273 Method for the production of Guerbet alcohols utilizing insoluble lead catalysts