



Description

Sasol Chemicals ALFOL 6 Alcohol is high purity, petrochemical-based 1-hexanol (also known as hexyl alcohol). ALFOL 6 Alcohol is a colorless liquid with a sweet pungent odor. ALFOL 6 Alcohol is classified as readily biodegradable in standard ready biodegradability tests. ALFOL 6 Alcohol can be esterified, ethoxylated, propoxylated, sulfated, oxidized, etc. Sasol Chemicals ALFOL alcohols are physically and chemically equivalent to corresponding oleochemical-based alcohols derived from such sources as coconut oil or palm oil.

Applications

ALFOL 6 Alcohol can be used as a high purity feedstock for all of the chemical reactions in which primary alcohols are routinely employed. In addition, ALFOL 6 Alcohol can be used directly in numerous personal care and technical formulations. Some of Sasol Chemicals ALFOL alcohols meet the FDA specification for use in Direct and Indirect Food Contact Applications.

Properties

Typical physical properties are listed in the table to the right. Actual properties will vary from lot to lot.

Contact information

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Don't see what you are looking for?

Sasol Chemicals offers a wide range of alcohols and surfactants. Please contact us for information about creating your own personalized product.

Typical Properties	ALFOL 6
Avg. Molecular Weight, g/mol	102
Total Alcohol, wt. %	98.5 min.
Homolog Distribution, wt. %	
C4OH & lower	0.5 max.
C6OH	98 min.
C8OH & higher	1.5 max.
Water, wt. %	0.1 max.
Hydroxyl Number, mg KOH/g	544 – 550
Carbonyl, as C=O, ppm	80 max.
Acid Number, mg KOH/g	0.05 max.
Iodine Number, mg I ₂ /100 mg	0.2 max.
Sap Number, mg KOH/g	0.1 max.
Color, APHA	10 max.
Density, g/mL @ 40°C / 104°F	0.805
Flash Point, °C (°F)	60 (140)
Pour Point, °C (°F)	-51 (-60)
Boiling Range, °C (°F)	154 – 156 (309 – 313)
Viscosity, cSt @ 40°C / 104°F	3.7
Appearance, room temperature	clear, colorless liquid
Vapor Pressure, mmHg @ 20°C	0.5 max.
Vapor Density, air = 1	4.5
Solubility (water)	insoluble
INCI Name	Hexyl Alcohol

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