

Supplier -

Simple Esters
i-Butyl stearate (IBS)

Typical Properties

Appearance@25°C	Clear Pale Amber Liquid
Color,ASTM D1544,Gardner/D1500	≤ 2/1.0
Density@25°C,Lb/Gal(kg/L)	7.3 (0.870)
Total Acid Value,mgKOH/g	≤ 2.0
Moisture Content,%wt	≤ 0.1
Iodine Value,I ₂ g/100g	≤ 0.5
Light Ends,%wt	≤ 0.025
Saponification Number,mgKOH/g	165 - 180

Product Description

Adtec™ 160 is abbreviated as IBS that is an ester of stearic acid esterified with i-butanol. It was found biodegradable according to the European 21 days and EPA 28 days biodegradability tests.

Applications:

Adtec™ 160 is used as a base fluid for steel cold rolling and as a lubricity additive for other metalworking applications. It is also employed as an additive in inks and coatings for the slip and mar resistance. **Adtec™ 160** has FDA approval for use in can coatings and rolling applications as well as a processing lubricant for plastics and rubber applications.

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