

## PRODUCT SPECIFICATION

# Epoxidized Soybean Oil (ESBO)

<b>Chemical Name</b>	: Epoxidized Soybean Oil		
<b>Molecular Formula</b>	: C <sub>57</sub> H <sub>106</sub> O <sub>10</sub>	<b>Molecular Weight</b>	: 1000
<b>HS Code</b>	: 1518000000	<b>CAS number</b>	: 8013-07-8
<b>UN Code</b>	: Not Applicable	<b>DG Class/PKG GP</b>	: Not Applicable
<b>Applications</b>	: It can be applied to all PVC products, such as foodstuff wrapper, medical ware, films, sheet material, tubular product, sealing strip of icebox, artificial leather, floor leather, wire and cable, plastic wallpaper and other daily use plastic products. It can also be applied to special printing ink, paint, coating, CCL & PCB, and liquid compound stabilizer.		
<b>Packaging</b>	: 200kg per drum, 16MT per 20-ft FCL container with pallet 1,000kg per IBC drum, 20MT per 20-ft FCL container 23MT per ISO tank or Flexitank		

Characteristics	Unit	Guaranteed Values
Appearance	-	Light yellow sticky oily liquid
Epoxy Value (ASTMD1652-04)	%	6.6 Min
Color Shade (Pt-Co)	-	170 Max
Density @ 20°C	g/cm <sup>3</sup>	0.988 – 0.999
Iodine Value	%	5.0 Max
Acid Value	mg KOH/g	0.6 Max
Moisture Content	%	0.2 Max
Flash Point	°C	280 Min