



(Manufacturer & Global Exporter of Castor Oil & Derivatives)
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TECHNICAL DATA SHEET – RICINOLEIC ACID (CASTOR OIL DERIVATIVE)



PRODUCT NAME : **RICINOLEIC ACID**
CHEMICAL IDENTIFICATION : **CAS NO. 106 – 14 – 9**
APPEARANCE : **Clear Colourless Liquid**

CHEMICAL ANALYSIS	NORMS	TEST METHOD
Acid Value	180 min.	AOCS
Iodine Value	82-90	AOCS
Hydroxyl Value	155 min.	AOCS
Saponification Value	185 min.	AOCS
Colour in Gardner Scale	5 GR max.	AOCS
% 12 HSA	-	AOCS
%12 KSA	-	AOCS
%Ricinoleic Acid	85 % min.	AOCS
Ni (ppm)	-	AOCS
% MIV	0.5 % max.	AOCS
% unsap.Matter	1 % max.	AOCS

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Applications include: Ricinoleic Acid (12-hydroxy-9-octadecenoic acid) is obtained by the hydrolysis of Castor Oil ([Hydrolysis from Wikipedia](#)). It is a light colored liquid with a ricinoleic content of approximately 90%. Primary uses include, coatings, plastics, inks and cosmetics. It is used in as **Emulsifier in Confectionery Industry, Cosmetics, Toilet Soaps.**

Packing : 225 / 200 Kg HDPE Drums : 18 / 16 MT /20' : Palletise/Un-Palletise
: 20' ISO CTR : 21.5 MT (+/- 5%)