



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



**PRODUCT NAME** : **HYDROGENATED CASTOR OIL**  
**PRODUCT CODE** : **HCO -Special Grade**  
**CHEMICAL IDENTIFICATION** : **CAS NO. 8001-78-3**  
**APPEARANCE** : **Crystal - white waxy Flakes**

CHEMICAL PROPERTIES	UNIT	SPECIFIC RANGE	ANALYTICAL METHOD
Appearance	Visual	White Flakes	Visual
Acid Value	mg KOH/g	Max. 1	AOCS
Iodine Value	g/100g	Max. 2	AOCS
Hydroxyl Value		Min.155	AOCS
Saponification Value	mg KOH/g	177 – 185	AOCS
Colour in Gardner Scale		Max. 3	AOCS
Slip Melting Point	'C	Min 85	AOCS
Clarity on melting	---	Clear, free from suspended matter	

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**Application industry:** HCO is produced by the hydrogenation of castor oil with nickel catalyst. Its white flakes are extremely insoluble and are water resistant. The main use is in manufacturing of Lubricants, Paints, Waxes, Lite greases, Additives, Fine & Speciality Chemicals and in paper coating for food packaging.

- Hydrogenated oil is also utilized in the manufacture of Polishes, Carbon Paper, Candles and Crayons

**Packing** : **25 Kg Laminated Paper Bags** -16.5 MT – 17 MT Palletised/20' ctr  
 : **25 Kg PP bags** 17.5 MT Unpalletise/20' ctr  
 : **500 /600 /1200Kg Nett big bags** : 12 MT /20' : 24 MT /40' ctr –Palletise/Un-Palletise  
 : **1000 Kg Super Sacks** .. : 12 MT/20' : 22 MT Per 40' ctr –Palletise/Un-Palletise