



TECHNICAL DATA SHEET

Product Name	Hydrogenated Castor Oil (HCO)
CAS No.	8001-78-3
Description	<p>Hydrogenated castor oil is a waxy compound obtained by the hydrogenation of refined castor oil.</p> <p>It is a hard product with a high melting point. It is almost odorless and tasteless. HCO is supplied in flakes and powder. Hydrogenated castor oil is cream to white colored.</p>
Application Areas	<ul style="list-style-type: none">• Greases: Lithium- and Calcium hydroxystearates dispersed in base oil to make multipurpose greases having higher dropping points, hardness, better rust-proofing, lubricity and durability than stearates.• Other Lubricants: metal drawing lubes, PVC lubricants for PVC pipes, profiles, sheets, pharma tableting, metal powders, ceramics.• Cosmetics: HCO of different melting points used in lipsticks, deodorant and antiperspirant sticks, cosmetic creams.• Slip additive in inks, paints, plastics (PE).• Dispersing agent in plastic color master batches, carbon papers, inks.• Flow control and dispersing additive in powder coatings, hot-melt adhesives and sealants.• Shoe polishing, furniture polishing creams.
Packaging	25 kg bags 1000 kg super sacks



Avalon Chemicals, Inc.

SPECIFICATION SHEET

Product : Hydrogenated Castor Oil (HCO)

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Parameters	Specification
Appearance	Crystal white flakes
Acid Value	3.5 max
Iodine Value	3.5 max
Saponification Value	175 min
Melting Point Deg C	84 – 88
Color in Gardner Scale	3 max
Hydroxyl Value	155 min