

Version 1.5	Revision Date: 24.05.2024	Article-No.: 340010	Date of last issue: 30.04.2024

Trade name	ALBERDINGK® HCO Flakes 81			
Article-No.	340010			
INCI name	HYDROGENATED CASTOR OIL			
CAS-no.	8001-78-3			
REACh-reg.no.	01-2119498298-18			
Company	Alberdingk Boley GmbH Düsseldorfer Str. 53 47829 Krefeld, Germany Telephone +4921515280			
E-mail address	trm@alberdingk-boley.de			

## 1. Notification status

The components of the p	product are listed in	the following	countries
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	TCSI	On the inventory, or in compliance with the inventory
	TSCA	All substances listed as active on the TSCA inventory
	AIIC	On the inventory, or in compliance with the inventory
	DSL	All components of this product are on the Canadian DSL
	ENCS	On the inventory, or in compliance with the inventory
	ISHL	On the inventory, or in compliance with the inventory
	KECI	On the inventory, or in compliance with the inventory
	PICCS	On the inventory, or in compliance with the inventory
	NZIoC	On the inventory, or in compliance with the inventory
	IECSC	On the inventory, or in compliance with the inventory
Ab	breviations TCSI TSCA AIIC DSL ENCS	Taiwan Chemical Substance Inventory (TCSI) United States TSCA Inventory Australian Inventory of Industrial Chemicals Canadian Domestic Substances List (DSL) Japan. ENCS - Existing and New Chemical Substances Inventory
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Regulatory Information (Sheet					
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ISHL KECI PICCS IECSO NZIOO 2. REACH		Korea. k Philippir Substan China. I China (I	SHL - Inventory of Chemical Substances Korean Existing Chemicals Inventory (KECI) hes Inventory of Chemicals and Chemical ces (PICCS) nventory of Existing Chemical Substances in ECSC) aland. Inventory of Chemical Substances		
Chemical	Legislation				
Chemical	Legislation		REACH EU The product is registered according to the REACH regulation. Registration number: Please see above.		
SVHCs (S Concern)	Substances of Very	High	The product doesn't contain any SVHCs in concentrations $>= 0.1\%$ (w/w).		
			In case any of the substances used in our products will be categorized in future as SVHC under REACH or added to the substance list of Annex XIV, this component will be mentioned in section 3 of the EU Safety Data Sheet if the concentration is $\geq = 0.1\%$ (w/w). Any change concerning this matter will be communicated immediately to our customers via the updated Safety Data Sheet.		
Restrictio	Restrictions acc. to Annex XVII		No restrictions exist for the use of the product and/or its components according to Annex XVII of the REACH regulation.		
Chemical	Legislation		UK REACH		
			We and/or our suppliers have submitted DUINS (Downstream User Import Notifications) for all relevant components of our product via an OR (Only Representative). We would like to point out that the DUIN submitted by our OR may not cover your import. Therefore, as our customer, please check whether you are allowed to import this product to GB. If you have any questions, please contact our Team Regulatory Management: trm@alberdingk- boley.de		

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## 3. Components/Ingredients Information

#### **Undesirable or Restricted Substances**

	This product complies with the EU Regulations 1881/2006/EC, 2006/13/EC, 183/2005/EC and 225/2012/EC in respect of contents of PCDDs, PCDFs and Dioxin-like PCBs.
APEO	Not contained in the product.
CMR Substances	Not contained in the product.
Formaldehyde	Not contained in the product.
Ozone depleting substances	Not contained in the product.
Phthalates	Not contained in the product.
PFAS (Per- and polyfluorinated Substances) incl. PFOS and PFOA	Not contained in the product.
Melamine	Not contained in the product.
Bisphenol A	Not contained in the product.
	The content of residues of pesticides in this product is below the limits given in the EU directive 396/2005/EC and its amendments.
	This product does not contain, nor was manufactured with, natural rubber latex or synthetic latex.
	None of the listed ingredients from Annex II of Regulation (EU) No 1169/2011 are used or added.
VOC	Not contained in the product.
/y Metals / RoHS	

## Heavy Metals / RoHS

Heavy metals	Nickel is used as catalyst for the hydrogenation of Castor Oil. Its residues are below 1 ppm. Apart from that we do not use or add heavy metals (such as lead, mercury, cadmium, chromium, zinc, cobalt, vanadium, zirconium, tin, arsenic, copper, iron, rhodium, platinum, palladium, molybdenum, iridium, ruthenium, osmium).
RoHS	No prohibited substances are used or intentionally added that fall within the scope of Regulation 2011/65 EC and



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Conflict Minerals		The conflict min	subsequent amendments. The conflict minerals Tantalum, Tin, Tungsten and Gold are not intentionally added during production.			
4. Food (	Contact Regulatio	ns				
Regulatio	on (10/2011/EU)	-	The composition of the product complies with the currently valid regulation.			
FDA Reg 175.105	ulation 21 CFR	The compositio currently valid	n of the product complies with the regulation.			
FDA Reg 175.300	ulation 21 CFR	The compositio currently valid	n of the product complies with the regulation.			
FDA Reg 176.170	ulation 21 CFR	The compositio currently valid	n of the product complies with the regulation.			
FDA Reg 176.180	ulation 21 CFR	The compositio currently valid	n of the product complies with the regulation.			
FDA Reg 177.120	ulation 21 CFR 0	The composition of the product complies with the currently valid regulation.				
FDA Reg 177.121	ulation 21 CFR 0	The composition of the product complies with the currently valid regulation.				
FDA Regulation 21 CFR 178.3280		The composition of the product complies with the currently valid regulation.				
Swiss Ordinance 817.023.021 Annex X		The composition of the product complies with the currently valid regulation.				
BfR XXV		The compositio currently valid	n of the product complies with the regulation.			
Remarks	Food Contact	user from the c concerning e.g. for the desired positive list of t you might be a conducting mig	ssment of the binder does not release the luty to test his readymade formulation migration in order to confirm suitability application. If the product is not on the the respective Food Contact Regulation ble to approve your final product by ration tests via a respective institute. You ther information upon request.			
GMP (Good Manufacturing Practice)		Commission Regulation (EC) No 2023/2006 of 22 December 2006 on good manufacturing practice (GMP) for materials and articles intended to come into contact with food sets out general principles to ensure the suitability of the material or article for the intended end use. Article 2 states that this Regulation shall apply to all				

Regul Sheet	latory 1 :	Inforr	nation	٤	ALBERDINGK BOLE	
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			distribution of the production No 2023/2006 assurance cover materials, oper quality control.	materials ar of starting deals mainl ering the ma ration proce Alberdingk d implemen	f manufacture, processing and nd articles, up to but excluding substances. Regulation (EC) ly with the principles of quality anufacturing process, starting esses, premises, equipment and a Boley GmbH has already ted Quality Management 1.	
5. Miscel	laneous					
Nanopart	icles		The product doesn't contain any nano-particles.			
Information concerning BSE		ng BSE	This product is free from BSE (Bovine Spongiform Encephalopathy) and TSE (Transmissible Spongiform Encephalopathy). No materials of human or animal origin are used during the manufacturing process. The material used for primary packaging is not of animal derived material and no animal or human origin materials come into contact with the equipment.			
BASTA			We confirm compliance with all BASTA criteria.			
Halal			This product is manufactured according to all Halal regulations/restrictions. We do not use any animal products in the process of making our oil products and no animal products in the same process lines that we produce oils in.			
Kosher			This product is manufactured according to all Kosher regulations/restrictions.			
Information Concerning Animal Ingredients		ing	This product is free from animal ingredients; it is not made from animal source.			
GMO Information		This product has not been tested for GMO. But we hereby confirm that the DNA of crude Castor Oil, which is the raw material for ALBERDINGK® Castor Oils and its derivatives, has been analysed with regards to GMO since 2000 on a regular basis. In the samples no DNA components have been detected. These DNA components form the basis in a standard analysis to confirm the presence of GMOs or GMO derived materials.				



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## 6. Further Information

Disclaimer

The raw materials used for the manufacture of pharmaceutical Alberdingk® castor oil and derivatives are raw materials suitable for the production of edible oils and fats. Analyses of possible contaminations with substances listed in section 3 are performed once a year. All information is presented in good faith and to the best of our knowledge and belief as of today. Alberdingk Boley GmbH assumes no obligation or liability for use of or updating this information and gives no warranty. The customer is solely responsible for compliance with any applicable federal, state or provincial law.