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Trade name ALBERDINGK® 12-HSA Flakes 52

Article-No. 340018

INCI name

CAS-no. 106-14-9

REACh-reg.no. 01-2119542189-34

Company Alberdingk Boley GmbH

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1. Notification status

The components of the product are listed in the following countries

TCSI	On the inventory	or in compliance with the inventory
11 31		OF III COMBINANCE WHILL 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

Abbreviations

TCSI Taiwan Chemical Substance Inventory (TCSI)

TSCA United States TSCA Inventory

AIIC Australian Inventory of Industrial Chemicals
DSL Canadian Domestic Substances List (DSL)

ENCS Japan. ENCS - Existing and New Chemical Substances

Inventory



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ISHI Japan. ISHL - Inventory of Chemical Substances KECI Korea. Korean Existing Chemicals Inventory (KECI) **PICCS** Philippines Inventory of Chemicals and Chemical

Substances (PICCS)

IECSC China. Inventory of Existing Chemical Substances in

China (IECSC)

NZIoC New Zealand. Inventory of Chemical Substances

2. REACH

Chemical Legislation REACH EU

> The product is registered according to the REACH regulation. Registration number: Please

see above.

SVHCs (Substances of Very High

Concern)

The product doesn't contain any SVHCs in

concentrations $\geq = 0.1\%$ (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 >= 0.1% (w/w). Any change concerning this matter will be communicated immediately to our customers via the updated

Safety Data Sheet.

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.

UK REACH Chemical Legislation

> 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

Dioxines 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.

Not contained in the product.

Phthalates Not contained in the product.

PFAS (Per- and polyfluorinated

Substances) incl. PFOS

and PFOA

Melamine Not contained in the product.

Bisphenol A Not contained in the product.

Pesticides The content of residues of pesticides in this product is

below the limits given in the EU directive 396/2005/EC

and its amendments.

Latex This product does not contain, nor was manufactured

with, natural rubber latex or synthetic latex.

Allergenes None of the listed ingredients from Annex II of

Regulation (EU) No 1169/2011 are used or added.

VOC Not contained in the product.

Heavy Metals / RoHS

Heavy metals Nickel is used as catalyst for the hydrogenation of Castor

> Oil. Its residues are below 3 ppm. Apart from that we do not use or add heavy metals (such as lead, mercury, cadmium, chromium, zinc, cobalt, vanadium, zirconium,

tin).

RoHS No prohibited substances are used or intentionally added

that fall within the scope of Regulation 2011/65 EC and

subsequent amendments.



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Conflict Minerals The conflict minerals Tantalum, Tin, Tungsten and Gold

are not intentionally added during production.

4. Food Contact Regulations

Regulation (10/2011/EU) The composition of the product doesn't comply with the

currently valid regulation, but may be used for indirect food contact under special conditions. You will receive

further information upon request.

The composition of the product doesn't comply with the FDA Regulation 21 CFR

175.105 currently valid regulation.

FDA Regulation 21 CFR The composition of the product complies with the 176.170

currently valid regulation with specific restrictions.

FDA Regulation 21 CFR The composition of the product complies with the

176.180 currently valid regulation with specific restrictions.

FDA Regulation 21 CFR The composition of the product doesn't comply with the

175.300 currently valid regulation.

The composition of the product complies with the FDA Regulation 21 CFR

178.3570 currently valid regulation with specific restrictions.

Swiss Ordinance The composition of the product complies with the 817.023.021 Annex X currently valid regulation with specific restrictions.

Remarks Food Contact A positive assessment of the binder does not release the

user from the duty to test his readymade formulation concerning e.g. migration in order to confirm suitability for the desired application. If the product is not on the positive list of the respective Food Contact Regulation you might be able to approve your final product by conducting migration tests via a respective institute. You

will receive further information upon request.

GMP (Good Manufacturing Commission Regulation (EC) No 2023/2006 of 22 Practice)

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 sectors and to all stages of manufacture, processing and distribution of materials and articles, up to but excluding the production of starting substances. Regulation (EC) No 2023/2006 deals mainly with the principles of quality assurance covering the manufacturing process, starting materials, operation processes, premises, equipment and



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quality control. Alberdingk Boley GmbH has already established and implemented Quality Management Systems such as ISO 9001.

5. Miscellaneous

Nanoparticles The product doesn't contain any nano-particles.

Information concerning 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

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.

6. Further Information



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Disclaimer

The raw materials used for the manufacture of Alberdingk® oil products and derivatives are technical raw materials and therefore contain process-related additives and impurities caused during transport. We don't check the content of these substances as part of our quality system. All information is presented in good faith and to the best of our knowledge and belief as of today which is based on information from our raw material suppliers. 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.