

RAW MATERIAL DATA SHEET

# ABWAX RICE PEARLS

## PRODUCT IDENTIFICATION

(I) Supplier name	ROELMI HPC SRL Legal office: Corso Europa, 60 - 20020 Solaro (MI) Italy T. +39 02 3351 0150 F. +39 02 3354 9210		
(II) EU/US INCI name	<b>EU INCI name</b>	<b>US INCI name</b>	
	ORYZA SATIVA BRAN WAX	ORYZA SATIVA (RICE) BRAN WAX	
(III) Regulatory information	Empirical Formula: N.A. Chemical name: N.A.		
	<b>Common name</b>	<b>CAS n.</b>	<b>EC n.</b>
	RICE BRAN WAX	8016-60-2	232-409-7
	US and European Pharmacopoeia: Not applicable		
	Classification & labelling according to EU Chemical regulation: this product is not subjected to labelling as it is not a dangerous substance (regulation 1272/2008). See MSDS Transport: not regulated.  Tariff code: 15211000		
(IV) Functions	Skin conditioning		
(V) Geographical origin	Asia		

## REGULATORY STATUS

(VI) Chemical Inventory position	Component(s) listed in TSCA (US): yes. Component(s) listed in DSL (Canada): yes. Component(s) listed in ENCS (Japan): yes. Component(s) listed in AICS (Australia): yes. Component(s) listed in IECICS (China): yes Component(s) listed in KECL (Korea): yes. Component(s) listed in PICCS (Philippines): yes Component(s) listed in EU inventory: yes Preposition 65 (California): not listed
(VII) Cosmetic Regulatory Status	No restriction or limitation for personal care applications. Canadian cosmetic ingredient hotlist: not listed Component(s) listed in Cosmetic China IECIC: yes.
(VIII) Cosmetic Regulatory Conformity	<u>CMR</u> : ABWAX RICE PEARLS does not contain any substances intentionally added and classified as Carcinogenic, Mutagenic or Reprotoxic substances <u>Allergens</u> : We certify that ABWAX RICE PEARLS complies with Regulation (EC) 1223/2009 regarding the presence of the 26 substances identified as allergenic in

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	<p>cosmetics. Due to the nature of the materials used for our productions and to bibliographic data, it can be stated that these allergens are absent.</p> <p><u>TSE/BSE</u>: We confirm that ABWAX RICE PEARLS is free from animal derives and therefore can be considered as BSE/TSE transmitting agents-free.</p> <p><u>Animal testing</u>: We declare that no animal testing was made by Roelmi HPC &amp; C. srl for cosmetic use accordingly to Regulation (EC) 1223/2009.</p> <p><u>Ionization</u>: the product is not subjected to ionization process</p> <p><u>REACH</u>: ABWAX RICE PEARLS complies with the definitions of "Substances which occur in nature" and "Not chemically modified substance" reported in article 3 of the Reg. 1907/2006/EC; the product is exempted from REACH in accordance to Annex II of the Reg. 987/2008/EC.</p>
<p>(IX) Toxicology Ecotoxicity Biodegradability information</p>	<p><u>Toxicological information</u></p> <p><b><i>Bibliographic data (SOURCES: CIR assessment, 2006)</i></b></p> <ul style="list-style-type: none"> <li>○ Acute oral toxicity: LD50 ≥ 24 g/kg (male mice, 25 % in gum arabic solution)</li> <li>○ Skin irritation: not irritant (rabbits)</li> <li>○ Eye irritation : not irritant (rabbits)</li> <li>○ Skin sensitization : not sensitizing (Guinea pigs)</li> <li>○ Mutagenicity: not mutagenic</li> <li>○ as per 21CFR172.890, Rice bran wax is listed as food additives permitted for direct addition to food for human consumption.</li> </ul> <p><u>Ecological &amp; Biodegradability information</u></p> <p>No data available, supposed to be not toxic for the environment and readily biodegradable</p>
<p>(X) Unavoidable impurities and possible traces of contaminants</p>	<p>SVHC: absence.</p> <p>Heavy metals: Total below 20 ppm</p> <p>Pesticides: absence</p> <p>GMO: absence.</p> <p>Food allergens (as per Directive 2007/68/C): absence</p> <p>Latex: allergens</p> <p>Residual solvents: absence (not used)</p> <p>Polycyclic Aromatic Hydrocarbons : absence.</p> <p>Free amines : absence.</p> <p>Phthalates: absence.</p> <p>Glycol ethers: absence.</p> <p>Formaldehyde: absence.</p> <p>Ethylene oxide: absence.</p> <p>Nanomaterials: absence.</p> <p>Monomers: absence.</p> <p>Proteins: absence</p> <p>VOC (volatile organic components as per European and Swiss laws ): ABWAX RICE PEARLS does not contain any volatile organic compounds</p> <p>Other impurities or residues : absence.</p>

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	<u>Absence</u> : based upon data from our starting material suppliers and knowledge of the manufacturing process, we have no reason to believe that these substances are present.
(XI) Additives	<p>Neutralisers: no.  Preservatives: no.  Antioxidants: no.  Stabilisers: no.  Catalysts: no.  Bleaching agents: no.  Chelating agents: no.  Ethanol: no</p>
(XII) Ingredients origin	<p><u>Synthetic</u>: No</p> <p><u>Animal</u>: No  Animal Protection (Cites): NA</p> <p><u>Vegetable</u>: Yes  Plant name: <i>Oryza sativa</i>, <i>Poaceae</i>.  Plant Protection (Cites): No  Palm oil and derivatives: Absence  GMO: We herewith declare that the raw materials and processing aids used in the production of ABWAX RICE PEARLS do not contain or consist of GMO's and they are not produced from GMO's</p> <p><u>Mineral</u>: no.</p> <p><u>Biotechnological processing</u>: no.</p> <p><u>Polymer</u>: No  <u>Monomers</u>: No</p>
(XIII) Halal/Kosher	<p>ABWAX RICE PEARLS is not certified Halal/Kosher.</p> <p>We confirm that the product:</p> <ul style="list-style-type: none"> <li>- does not contain alcohol neither the alcohol is used during the manufacturing process.</li> <li>- does not contain any substance of animal origin neither these substances are used during manufacturing process.</li> <li>- is completely separated from any substance of animal origin and/or containing alcohol during the manufacturing process, as well as in the warehouse.</li> </ul>
(XIV) Vegan/vegetarian	ABWAX RICE PEARLS is suitable for vegan/vegetarian use

## PRODUCT INFORMATION

(XV) Properties	<p>ABWAX RICE can be a partial valid substitute for carnauba and candelilla wax.</p> <p>Rice bran wax functions as a consistency factor in sticks and emulsions (W/O- and O/W).</p>
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	<p>It is compatible with most vegetable and mineral waxes, as well as vegetable oils, mineral oils and petrolatum's</p> <p><u>MICROBIOLOGICAL STABILITY</u></p> <p>Due to the knowledge of the manufacturing process (performed under high temperature) and of the chemical characterization of the product (absence of free water), ABWAX RICE PEARLS can be considered exempted from microbiological contamination and possibility of pathogens growth during the time.</p>
(XVI) Manufacturing flow chart	ABWAX RICE is produced from rice bran oil subjected to winterization in order to obtain a crude wax. Crude wax is then melted at 100-115 °C and filtered to remove foreign matter. Activated carbons and earths are added for the decolorization of the product before being removed with suitable filters. The solid mass is then processed to convert it into pearls
(XVII) Specification	SDS available.
(XVIII) Material safety data sheet	MSDS available.
(XIX) Personal Care Applications and formulation	See marketing brochure
(XX) Efficacy test	No tested for efficacy
(XXI) Storage and handling	Store in well-closed original package at room temperature (<35°C), in cold and dry environment, protected from the light, heat and humidity sources Stability: stable material.
(XXII) Shelf Life	24 months from the production date, in the original sealed containers.

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