

## INTOLERANCE AGENTS

**Product: ROQUETTE® Glucono-Delta-Lactone**

Intolerance agents according to the current European regulation

| AGENTS  | Presence in the product           | Presence in the processing line / workshop | Presence in the factory | Is the risk of cross contamination controlled ? |
|---|-----------------------------------|--|-------------------------|---|
|   | “-“ for absence, “+“ for presence |  |                         | Y, N, or N/A                                    |
| Wheat, gluten and products thereof                                | -                                 | -  | -                       | N/A   |
| Other cereals containing gluten <sup>1</sup> and products thereof | -                                 | -  | -                       | N/A   |
| Crustaceans and products thereof                                  | -                                 | -  | -                       | N/A   |
| Eggs and products thereof   | -                                 | -  | -                       | N/A   |
| Fish and products thereof   | -                                 | -  | -                       | N/A   |
| Peanuts and products thereof                                      | -                                 | -  | -                       | N/A   |
| Soya and products thereof   | -                                 | -  | -                       | N/A   |
| Milk, constituents <sup>2</sup> and products thereof              | -                                 | -  | -                       | N/A   |
| Nuts <sup>3</sup> and products thereof                            | -                                 | -  | -                       | N/A   |
| Celery and products thereof                                       | -                                 | -  | -                       | N/A   |
| Mustard and products thereof                                      | -                                 | -  | -                       | N/A   |
| Sesame seeds and products thereof                                 | -                                 | -  | -                       | N/A   |
| Sulphur dioxide and sulphites in concentration higher than 10ppm  | -                                 | -  | +                       | Y   |
| Lupin and products thereof  | -                                 | -  | -                       | N/A   |
| Molluscs and products thereof                                     | -                                 | -  | -                       | N/A   |

<sup>1</sup> Cereals (i.e. rye, barley, oat, spelt, kamut, rice and wild rice, sorghum, buckwheat, millet, quinoa).

<sup>2</sup> Constituents (i.e. cow's milk proteins, lactose...)

<sup>3</sup> Nuts (i.e. Almond [*Amygdalus communis L.*], Hazelnut [*Corylus avellana*], Walnut [*Juglans regia*], Cashew nut [*Anacardium occidentale*], Pecan nut [*Carya illinoensis* (Wangenh.) K. Koch], Brazil nut [*Bertholletia excelsa*], Pistachio nut [*Pistacia vera*], Macadamia nut, Queensland nut [*Macadamia ternifolia*]).

**Intolerance agents (ALBA list, ...)**

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|---|-----------------------------------|--|-------------------------|---|
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| <b>Vegetable origin</b>   |                                   |  |                         |   |
| Maize and products thereof                                      | +                                 | +  | +                       | N/A <sup>1</sup>                                |
| Pea and products thereof  | -                                 | -  | -                       | N/A   |
| Potato and products thereof                                     | -                                 | -  | -                       | N/A   |
| Caffeine  | -                                 | -  | -                       | N/A   |
| Cocoa   | -                                 | -  | -                       | N/A   |
| Coconut   | -                                 | -  | -                       | N/A   |
| Colza   | -                                 | -  | -                       | N/A   |
| Ethanol   | -                                 | -  | -                       | N/A   |
| Fruits (dried and fresh fruits) and products thereof            | -                                 | -  | -                       | N/A   |
| Fructose  | -                                 | -  | -                       | N/A   |
| Other legumes, pulses and beans                                 | -                                 | -  | -                       | N/A   |
| Latex   | -                                 | -  | -                       | N/A   |
| Latex group (as banana, avocado, kiwi...)                       | -                                 | -  | -                       | N/A   |
| Liliaceae (as garlic, onion...)                                 | -                                 | -  | -                       | N/A   |
| Mushrooms   | -                                 | -  | -                       | N/A   |
| Other prunoids  | -                                 | -  | -                       | N/A   |
| Saccharose (added)  | -                                 | -  | -                       | N/A   |
| Seeds (as poppy, sunflower, cottonseed...)                      | -                                 | -  | -                       | N/A   |
| Other Solanaceae ( as tomato...)                                | -                                 | -  | -                       | N/A   |
| Spices <sup>2</sup> and products thereof                        | -                                 | -  | -                       | N/A   |
| Tree nuts and products thereof (Pine nut, Chestnut, Hickory...) | -                                 | -  | -                       | N/A   |
| Umbellifereae (as carrot, coriander, parsley, parsnip...)       | -                                 | -  | -                       | N/A   |
| Other vegetables and products thereof                           | -                                 | -  | -                       | N/A   |
| <b>Animal origin</b>  |                                   |  |                         |   |
| Honey   | -                                 | -  | -                       | N/A   |
| Meat (beef, chicken, lamb / mutton, pork)                       | -                                 | -  | -                       | N/A   |
| Propolis  | -                                 | -  | -                       | N/A   |
| Royal jelly   | -                                 | -  | -                       | N/A   |
| Phenylalanine   | -                                 | -  | -                       | N/A   |
| Yam and products thereof  | -                                 | -  | -                       | N/A   |

<sup>1</sup> Produced with maize based dextrose.

<sup>2</sup> Spices (i.e cardamom, cinnamon, cumin, curcuma, nutmeg, paprika, pepper...)

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| <b>Others</b>   |                                   |  |                         |   |
| AZO colorants (E102 / E104 / E110 / E122 / E123 / E124 / E129 / E151) | -                                 | -  | -                       | N/A   |
| Benzoic acid and PHB (E210 to E219)                                   | -                                 | -  | -                       | N/A   |
| BHA / BHT (E320 / E321)   | -                                 | -  | -                       | N/A   |
| Flavour components  | -                                 | -  | -                       | N/A   |
| Gallates (E310 / E312)  | -                                 | -  | -                       | N/A   |
| Gelatin   | -                                 | -  | -                       | N/A   |
| Glutamate, ribonucleic inosinates and derivatives                     | -                                 | -  | -                       | N/A   |
| Histamine   | -                                 | -  | -                       | N/A   |
| Nitrates / Nitrites   | -                                 | -  | -                       | N/A   |
| Propionates   | -                                 | -  | -                       | N/A   |
| Propylene oxide   | -                                 | -  | -                       | N/A   |
| Rennet  | -                                 | -  | -                       | N/A   |
| Vanillin / vanilla  | -                                 | -  | -                       | N/A   |
| Yeast   | -                                 | -  | -                       | N/A   |

Application Date: August 2012  
Customer Quality Department

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