

## Newly authorized feed materials and other developments in FSP (December 2018)

Feed material	Remarks	As part of the risk assessment (RA)
Linseed, rumen protected (treated with CH <sub>2</sub> O)	New feed material	Linseed, rumen protected (treated with CH <sub>2</sub> O)
2-fucosyllactose	New feed material	2-fucosyllactose
Hemp fibre	Risk assessment updated. Relevant changes: <ul style="list-style-type: none"> <li>• Updated feed material definition: 2.036</li> <li>• Updated flow chart: detail 3</li> <li>• New product synonyms (references to EU catalogue 68/2013)</li> <li>• New reference to process steps (6.14) as possible origin of contamination with toxic substances</li> </ul>	Hemp products
Cristobalite	Risk assessment updated. Relevant changes: <ul style="list-style-type: none"> <li>• New processing aid (possible alternative): Ammonium hydroxide (NH<sub>4</sub>OH)</li> </ul>	Cristobalite & Quartz
Palm fatty acid distillate olein fraction(fluid), hardened	Risk assessment updated. Relevant changes: <ul style="list-style-type: none"> <li>• New reference to GMP+BA7</li> <li>• New feed material: 2.319</li> <li>• Updated flow chart: details 5.2, 7.6 &amp; 24</li> <li>• Updated info in table of hazards: reference to process steps as possible origin of contamination with nickel and toxic substances</li> </ul>	Palm (kernel) oil industry

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Maize	Risk assessment updated. Relevant changes: <ul style="list-style-type: none"> <li>• New hazard: T2/ HT2 toxins</li> <li>• Addition of GMP+ BA1 as standard of reference for Fumonisin B1 and T2/HT2 toxins</li> <li>• Addition of GMP+ BA4 as standard of reference for Aflatoxin B1</li> </ul>	Maize
Grass fibers ensiled Fructo-oligosaccharides moist from grass Fructo-oligosaccharides dried from grass	Risk assessment updated. Relevant changes: <ul style="list-style-type: none"> <li>• Replace risk assessment name "Grass protein" by "Products from the bio-refinery industry of grass"</li> <li>• New feed materials: 6.030; 6.031; 6.032</li> <li>• New processing aids (and Formic acid (previously called "methane acid") is included under generic group of "organic acids" in table of processing aids)</li> <li>• Updated flow chart: detail 1 &amp; new details 2 &amp; 3</li> <li>• New hazards: heavy metals at treatment/processing</li> </ul>	Product form bio-refinery industry of grass
Vegetal carbon (charcoal)	Risk assessment updated. Relevant changes: <ul style="list-style-type: none"> <li>• New synonym: biochar</li> <li>• Updated product definition</li> <li>• Updated flow chart: details 1 &amp; 2</li> <li>• Amended and new control measure: Remove production of first 48 hours / emptying reactor; monitoring complete pyrolysis (monitoring moisture content, temperature and time)</li> </ul>	Vegetable carbon (charcoal)
Rice bran, defatted and pelleted or powder Rice bran oil, crude	Risk assessment updated. Relevant changes: <ul style="list-style-type: none"> <li>• Updated whole flow chart: possible extra process step</li> </ul>	Rice bran oil industry

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Insect larvae (live)	Risk assessment updated. Relevant changes: <ul style="list-style-type: none"> <li>• Updated product name and synonym: 9.072</li> <li>• New processing aid: hydrogen peroxide</li> <li>• Updated whole flow chart</li> <li>• New control measures: Monitoring gut evacuation; restricting feeding</li> </ul>	Insect processing
Magnesium carbonate	Risk assessment updated. Relevant changes: <ul style="list-style-type: none"> <li>• New reference to RA water</li> <li>• New processing aids: Ferrosilicon; Flocculants</li> <li>• Updated flow chart: detail 1 &amp; new details 3 and 4</li> </ul>	Magnesium carbonate