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## GM Food & Feed - Community Register of GM Food and Feed

<b>Event</b>	<b>GT 73</b>
<b>Notifier</b>	Monsanto Services International S.A./N.V.
<b>Notifier address</b>	Monsanto Services International S.A./N.V. Avenue de Tervuren 270-272 B-1150 Brussels - BELGIUM
<b>Scope of notification</b>	<p><b>1.) Refined oil from glyphosate tolerant oilseed rape line MON-00073-7</b></p> <p>notified as existing food falling within the scope of Article 8(1)(a) of Regulation (EC) No 1829/2003, which is produced from a genetically modified organisms (GMOs) and which has been placed on the market in accordance with Art. 5 of Regulation (EC) No 258/97, notification forwarded to Member States on 21/11/1997, opinion on substantial equivalence by the UK Advisory Committee on Novel Foods and Processes, confirmation by the UK Ministry of Agriculture, Fisheries and Food on 24/01/1996 and 15/07/1997</p> <p><b>2.) Food additives produced from MON-00073-7 oilseed rape</b></p> <p>notified as existing food additives within the meaning of Article 8 (1)(b) of Regulation (EC) 1829/2003, authorised under Directive 89/107/EEC and complying with the relevant specifications laid down under this legislation.</p> <p><b>3.) Feed materials produced from MON-00073-7 oilseed rape</b></p> <p>notified as existing feed falling within the scope of Article 20(1)(b) of Regulation (EC) No 1829/2003, namely as feed materials which are produced from a genetically modified organism (GMO).</p> <p><b>4.) Feed additives produced from MON-00073-7 oilseed rape</b></p> <p>notified as existing feed falling within the scope of Article 20(1)(b) of Regulation (EC) No 1829/2003, namely as feed additives subject to Directive 70/524/EEC which are produced from a genetically modified organism (GMO).</p>
<b>Designation</b>	<p>Oilseed rape (<i>Brassica napus</i> L.), with tolerance to the herbicide glyphosate, derived from the oilseed rape GT73 line, which has been transformed with <i>Agrobacterium tumefaciens</i>, using the vector PV-BNGT04. The product contains the following DNA in two cassettes:</p> <p>(a) Cassette 1</p> <p>A 5-enolpyruvylshikimate-3-phosphate synthase (epsps) gene derived from <i>Agrobacterium</i> sp. strain CP4 (CP4 EPSPS), which confers glyphosate tolerance, under the regulation of the modified figwort mosaic virus promoter (P-CMoVb), terminator sequences from the pea <i>rbcs</i> E9 gene encoding the small subunit of ribulose biphosphate carboxylase/oxygenase and the N-terminal chloroplast transit peptide CTP2 sequence from the epsps gene of <i>Arabidopsis thaliana</i>.</p> <p>(b) Cassette 2</p> <p>The variant 247 of the original glyphosate oxidoreductase gene (<i>goxv247</i>) derived from <i>Ochrobactrum anthropi</i> strain LBAA, which confers glyphosate tolerance, under the regulation of the modified figwort mosaic virus promoter (P-CMoVb), terminator sequences from <i>Agrobacterium tumefaciens</i> and the N-terminal chloroplast transit peptide sequence CTP1 from the ribulose biphosphate carboxylase/oxygenase (<i>Arab-ssu1a</i>) gene of <i>Arabidopsis thaliana</i>. The product does not contain the adenyltransferase gene (<i>aad</i>) encoding resistance to streptomycin and spectinomycin, as present in the transformation vector used.</p>
<b>Labelling</b>	Article 13(1) and 25(1) of Regulation (EC) No 1829/2003
<b>Method for detection</b>	<ul style="list-style-type: none"> <li>• A real-time quantitative detection PCR method for MON-00073-7 oilseed rape</li> <li>• This detection method is under validation by the Joint Research Centre (JRC) of the European Commission, URL: <a href="http://gmo-crl.jrc.it/statusofdoss.htm">http://gmo-crl.jrc.it/statusofdoss.htm</a></li> </ul>

<b>Reference material</b>	The American Oil Chemists' Society (AOCS) 2211 W. Bradley Ave., Champaign, IL USA 61821
<b>Unique identifier</b>	MON-00073-7
<b>Annex II to the Cartagena Protocol</b>	Biosafety Clearing House, Record ID 1360, URL: <a href="http://bch.biodiv.org/database/record.aspx?searchid=143158&amp;recordid=1360">http://bch.biodiv.org/database/record.aspx?searchid=143158&amp;recordid=1360</a>
<b>Conditions or restrictions on the placing on the market</b>	Not applicable
<b>Post-market monitoring requirements</b>	Not appropriate
<b>Date of entry into the register</b>	18-04-2005
<b>Date of placing on the market</b>	<ul style="list-style-type: none"><li>• 21/09/1996 (as food additives, feed additives and feed materials)</li><li>• 21/11/1997 (as food)</li></ul>
<b>Legal base</b>	Art. 8(1)(a),(b) and 20(1)(b) of the Regulation (EC) No 1829/2003
<b>Further information on risk assessment</b>	European Food Safety Authority, The EFSA Journal (2004) 29, 1-19, URL: <a href="http://www.efsa.eu.int/science/gmo/gmo_opinions/174/opinion_gmo05_ej29_gt73_en1.pdf">http://www.efsa.eu.int/science/gmo/gmo_opinions/174/opinion_gmo05_ej29_gt73_en1.pdf</a> (for processing and feed use) UK Advisory Committee on Novel Foods and Processes (regarding food)