



**COMMISSION WORKING DOCUMENT - DOES NOT NECESSARILY REPRESENT
THE VIEWS OF THE COMMISSION SERVICES**

Review report for the active substance **endosulfan**

Finalised in the Standing Committee on the Food Chain and Animal Health at its meeting on
15 February 2005
*in support of a decision concerning the non-inclusion of endosulfan in Annex I of
Directive 91/414/EEC and the withdrawal of authorisations for plant protection products
containing this active substance*

1. Procedure followed for the re-evaluation process

This review report has been established as a result of the re-evaluation of endosulfan, made in the context of the work programme for review of existing active substances provided for in Article 8(2) of Directive 91/414/EEC concerning the placing of plant protection products on the market, with a view to the possible inclusion of this substance in Annex I to the Directive.

Commission Regulation (EEC) No 3600/92⁽¹⁾ laying down the detailed rules for the implementation of the first stage of the programme of work referred to in Article 8(2) of Council Directive 91/414/EEC, as last amended by Regulation (EC) No 2266/2000⁽²⁾, has laid down the detailed rules on the procedure according to which the re-evaluation has to be carried out. Endosulfan is one of the 90 existing active substances covered by this Regulation.

In accordance with the provisions of Article 4 of Regulation (EEC) No 3600/92, United Phosphorus Ltd on 26 July 1993, AGREVO GMBH on 27 July 1993, Makhteshim Agan on 20 July 1993, Helm AG on 23 July 1993, Calliope SA on 21 July 1993, Industrias Afrasa on 27 July 1993 and B.V. Luxan on 21 July 1993 notified to the Commission of their wish to secure the inclusion of the active substance endosulfan in Annex I to the Directive.

In accordance with the provisions of Article 5 of Regulation (EEC) No 3600/92, the Commission, by its Regulation (EEC) No 933/94⁽³⁾, as last amended by Regulation (EC) No

¹ OJ No L 366, 15.12.1992, p.10.

² OJ No L 259, 13.10.2000, p.27.

³ OJ No L 107, 28.04.1994, p.8.

2230/95⁽⁴⁾, designated Spain as rapporteur Member State to carry out the assessment of endosulfan on the basis of the dossiers submitted by the notifiers. In the same Regulation, the Commission specified furthermore the deadline for the notifiers with regard to the submission to the rapporteur Member States of the dossiers required under Article 6(2) of Regulation (EEC) No 3600/92, as well as for other parties with regard to further technical and scientific information; for endosulfan this deadline was 31 October 1995.

Only AGREVO GMBH & Makhteshim Agan as a task force, Calliope SA, and B.V. Luxan submitted in time a dossier to the rapporteur Member State.

AGREVO GMBH (now BAYER CROPSCIENCE) on behalf of the endosulfan task force (comprising AGREVO GMBH & Makhteshim Agan), submitted a dossier to the rapporteur Member State which did not contain substantial data gaps, taking into account the supported uses. Therefore, AGREVO GMBH being the designated representative of the endosulfan task force, was considered to be the main data submitter.

In accordance with the provisions of Article 7(1) of Regulation (EEC) No 3600/92, Spain submitted on 22 February 2000 to the Commission the report of its examination, hereafter referred to as the draft assessment report, including, as required, a recommendation concerning the possible inclusion of endosulfan in Annex I to the Directive. Moreover, in accordance with the same provisions, the Commission and the Member States received also the summary dossier on endosulfan from AGREVO GMBH & Makhteshim Agan on 06 June 2000.

In accordance with the provisions of Article 7(3) of Regulation (EEC) No 3600/92, the Commission forwarded for consultation the draft assessment report to all the Member States on 27 June 2000 as well as to AGREVO GMBH being the designated representative of the endosulfan task force on 25 August 2000.

The Commission organised an intensive consultation of technical experts from a certain number of Member States, to review the draft assessment report and the comments received thereon (peer review), in particular on each of the following disciplines:

- identity and physical /chemical properties ;
- fate and behaviour in the environment ;
- ecotoxicology ;
- mammalian toxicology ;
- residues and analytical methods ;
- regulatory questions.

The meetings for this consultation were organised on behalf of the Commission by the Pesticide Safety Directorate (PSD) in York, United Kingdom, from January to July 2001.

The report of the peer review (i.e. full report) was circulated, for further consultation, to Member States on 27 June 2001 and the main data submitter on 25 August 2001 for comments and further clarification.

In accordance with the provisions of Article 6(4) of Directive 91/414/EEC concerning consultation in the light of a possible unfavourable decision for the active substance the

⁴ OJ No L 225, 22.09.1995, p.1.

Commission organised a tripartite meeting with the main data submitter and the rapporteur Member State for this active substance on 17 May 2004.

In accordance with the provisions of Article 7(3) of Regulation (EEC) No 3600/92, the dossier, the draft assessment report, the peer review report (i.e. full report) and the comments and clarifications on the remaining issues, received after the peer review were referred to the **Standing Committee on the Food Chain and Animal Health**, and specialised working groups of this Committee, for final examination, with participation of experts from all Member States. This final examination took place from July 2001 to September 2004, and was finalised in the meeting of the **Standing Committee** on 15 February 2005.

The present review report contains the conclusions of the final examination; given the importance of the draft assessment report, the peer review report (i.e. full report) and the comments and clarifications submitted after the peer review as basic information for the final examination process, these documents are considered respectively as background documents A, B and C to this review report and are part of it.

2. Purposes of this review report

This review report including the background documents has been developed and finalised in support of Decision **2005/864/EC**⁵ concerning the non-inclusion of endosulfan in Annex I to Directive 91/414/EEC.

In accordance with the provisions of Article 7(6) of Regulation (EEC) No 3600/92, Member States will keep available or make available this review report for consultation by any interested parties or will make it available to them on their specific request. Moreover the Commission will send a copy of this review report (not including the background documents) to all operators having notified for this active substance under Article 4(1) of this Regulation.

3. Overall conclusion in the context of Directive 91/414/EEC

The overall conclusion of this evaluation, based on the information available and the proposed conditions of use, is that:

- **the information available is insufficient** to satisfy the requirements set out in Annex II and Annex III Directive 91/414/EEC in particular with regard to
 - the environmental fate and ecotoxicology of the substance
 - the operator exposure under indoor conditions
 - certain data gaps concerning methods of analysis and the route and rate of degradation of the substance in soil and water/sediment systems

- **concerns were identified with regard to**
 - the fate and behaviour of the substance in the environment, in particular its degradation, persistence, potential of long range transport and potential of bioaccumulation
 - its possible impact on non-target organisms
 - its possible impact on operators under indoor conditions

In conclusion from the assessments made on the basis of the submitted information, no plant protection products containing the active substance concerned is expected to satisfy in general the requirements laid down in Article 5 (1) (a) and (b) of Council Directive 91/414/EEC.

Endosulfan should therefore not be included in Annex I to Directive 91/414/EEC.

⁵ OJ No L 317, 03.12.2005