

OECD ACTIVITIES REGARDING BIOCIDES

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Why is OECD involved in biocides work?

- **To help Member countries co-operate in the assessment and regulation of biocidal products**

Started mid 1996



OECD BIOCIDES PROGRAMME OBJECTIVES

- Increase efficiency of regulation of biocidal products for both Governments and Industry**
- Help reduce the risks from the use of biocides/biocidal products**

BIOCIDES STEERING GROUP

- **Manages the work of the OECD Biocides Programme**
- **Sub-group of the OECD Working Group on Pesticides**
- **Comprised of government officials responsible for regulation of biocides and representatives from the European Commission**
- **Observers from the biocides industry**

REGULATION OF BIOCIDES IN OECD MEMBER COUNTRIES

Survey in 1997-1998

Differences

- in the way biocides are categorised
- in the regulatory process
- in the data required
- in the approach to risk assessment

OECD BIOCIDES WORK PROGRAMME

Initiated in 1998

- **Harmonisation of data requirements**
- **Efficacy testing and acceptability criteria**
- **Development of test guidelines for fate and effects studies**
- **Exposure assessment and risk assessment**
- **Cooperation between countries in biocides reviews**
- **Risk reduction**

WORK ONGOING

- **HARMONISATION OF DATA REQUIREMENTS**
 - × **Wood preservatives**
 - × **Slimeicides**
- **EFFICACY TESTING**
 - × **overview of existing and draft test methods**
 - × **acceptability criteria (pass/fail)**
- **TEST GUIDELINES**
 - × **Biodegradability**
 - × **Leaching from treated materials**

WORK ONGOING

- EXPOSURE & RISK ASSESSMENT

- × Environmental exposure (Belgirate, April 2000)
- × Human exposure (Ottawa, June 2000)

- CO-OPERATION WITH BIOCIDES REVIEWS

- × Database to share information
- × Harmonised formats

- RISK REDUCTION

- × Information sharing

REFOCUSSED PROGRAMME

November 2000

PRIORITY TO:

- EXPOSURE ASSESSMENT

- × development of Environmental Emission Scenario Documents (ESDs) for Wood Preservatives
- × ESDs for other biocidal product types (later)

- EFFICACY

- × guidance for efficacy testing and assessment
- × work towards harmonisation of pass/fail criteria

EXPOSURE ASSESSMENT

Workshop on Environmental Exposure Assessment to Wood Preservatives (Belgirate, April 2000)

- Agreed on an scenario based approach for exposure assessment
- Agreed (to a large extent) on appropriate emission scenarios for
 - × product application & treated wood storage before shipment
 - × treated wood in service
- Agreed the data requirements for exposure assessment

EXPOSURE ASSESSMENT

Workshop on Environmental Exposure Assessment to Wood Preservatives (Belgirate, April 2000)

- Agreed that an Emission Scenario approach could be applied to other biocidal products (based on use patterns)
- Agreed that Exposure Assessment should address all the life stages of a product i.e.
 - × production
 - × application
 - × in service use
 - × disposal

EXPOSURE ASSESSMENT - ONGOING WORK

- **Development of OECD ESDs for Wood Preservatives**
 - × **OECD expert group established (CAN, DK, FR, DE, CH, NL, US, UK and industry)**
 - × **two documents to be produced (one to cover emissions from application, storage of treated wood and treated wood in service and the second to cover disposal of treated wood by incineration, combustion and landfill)**
 - × **draft ESDs to be produced late 2001**

EXPOSURE ASSESSMENT - ONGOING WORK

- **DEVELOPMENT OF INTERNATIONALLY RECOGNISED TEST METHODS FOR LEACHING OF WOOD PRESERVATIVES**
 - × **from treated wood during storage prior to shipment**
 - × **from treated wood in service**
- **OECD/CEN TC 38 COLLABORATION**
 - × **first drafts anticipated spring 2002**
 - × **final versions anticipated spring 2004**

EXPOSURE ASSESSMENT - FUTURE WORK

- **OECD ESDs FOR OTHER BIOCIDAL PRODUCTS**
 - × **slimicides, anti-fouling products and disinfectants**
 - × **questionnaire sent to industry**
 - × **input provided by Swiss industry**
 - × **use EUBEES and US EPA emission scenarios**

HUMAN EXPOSURE ASSESSMENT

Workshop on Human Exposure Assessment to Wood Preservation

(Ottawa, June 2000)

- Agreed an emission scenario approach
- Both primary and secondary exposure need to be taken into account
- Framework for secondary exposure needs to be developed

Work not being progressed at present

EFFICACY WORK

- **OVERVIEW OF EFFICACY TEST METHODS
(on WEB SITE)**
- **FUTURE WORKSHOP**
 - × **Washington DC, USA on 22-24 April 2002**
 - × **public health claim biocidal products**
 - × **exchange information**
 - × **ultimate aim is harmonisation of key parameters**

EFFICACY WORKSHOP

SCOPE

Biocidal products bearing public health claims used in private, public and occupational areas for the control of micro-organisms either pathogenic to man or which produce toxic by-products together with materials treated with such biocides.

OBJECTIVES

To exchange information on label claims, performance standards and efficacy testing parameters for both existing products and newly emerging ones. The ultimate aim is to agree harmonisation of the key parameters.

OTHER OECD BIOCIDES WORK

- **RISK REDUCTION INFORMATION**
- **DATA BASE ON PESTICIDE & BIOCIDES REVIEWS**
 - **being transferred to WEB**
- **WEB PAGE LINK TO BIOCIDES REGULATORS**
 - **links to national web pages of OECD countries**
- **HARMONISED FORMATS**
 - **waiting for outcome of EU pilot review project**

RISK REDUCTION

SHARING INFORMATION ON THE ACTIVITIES OF MEMBER COUNTRIES TO REDUCE RISKS

GREECE - Scheme aimed at reducing accidents caused by inappropriate use of biocides

HUNGARY - Compliance with the requirements of the EU Biocidal Products Directive

Documents available on the Web site

MEMBER COUNTRY BIOCIDES REGULATORS

Information on Biocides in Austria

- × You can contact:
- × [Dr. Edmund PLATTNER](#)
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CONCLUSIONS

OECD PROGRAMME REFOCUSSED in Nov. 2000

PRIORITIES:

- ENVIRONMENTAL EXPOSURE ASSESSMENT**
- EFFICACY**

INFORMATION GATHERING, COMPILING & SHARING

INFORMATION AVAILABLE ON WEB

MORE INFORMATION?

OECD BIOCIDES WEB SITE

<http://www.oecd.org/ehs/biocides>

RISK REDUCTION ACTIVITIES

<http://www.oecd.org/ehs/biocides/bioRRupd.htm>

PESTICIDE & BIOCIDES REVIEWS

<http://www.oecd.org/ehs/pest/evalrep.htm>

BIOCIDES REGULATION IN OECD COUNTRIES

<http://www.oecd.org/ehs/biocides/links.htm>

EFFICACY OVERVIEW

<http://www.oecd.org/ehs/biocides/efficacy-overview.htm>

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