

# OECD - ACTIVITATEN AUF DEM GEBIET DER BIOZIDE

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# OECD: ORGANISATION FOR ECONOMIC CO-OPERATION & DEVELOPMENT

- ❑ 15 EU Member countries
- ❑ Australia
- ❑ Canada
- ❑ Czech Republic
- ❑ Hungary
- ❑ Iceland
- ❑ Japan
- ❑ Korea
- ❑ Mexico
- ❑ New Zealand
- ❑ Norway
- ❑ Poland
- ❑ Slovak Republic
- ❑ Switzerland
- ❑ Turkey
- ❑ United States

# OECD BIOCIDES PROGRAMME

- ❑ Evolved from the Ag. Pesticides Programme
- ❑ Survey of OECD Member countries carried out 1997 - 1998
- ❑ Work started in 1998
- ❑ Programme refocused in 2000



# **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**

# 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

# DIFFERENCES IN THE REGULATORY APPROACH IN MEMBER COUNTRIES

- ❑ **European Biocidal Products Directive - common position? Scope issues!**
- ❑ **Japan - no individual recognition of biocides. They are treated as agricultural pesticides or industrial chemicals etc. as appropriate**
- ❑ **USA - antimicrobials are considered biocides but rodenticides, avicides & insecticides are not**
- ❑ **Many countries have no separate agency for biocides registration - often done alongside agricultural pesticides or existing chemicals**

# WHAT IS AN OECD BIOCIDES?

**Biocides, or non agricultural pesticides, are a broad class of chemical and sometimes biological agents used to disinfect/sanitise or control microbial and other “pests” outside of the agricultural setting. There are 7 product groups & 29 product types:**

- ❑ **Disinfectants/Sanitiser**
- ❑ **Preservatives/microbiocides**
- ❑ **Antifouling products**
- ❑ **Wood Preservatives and structural treatments**
- ❑ **Microbiocides for waste disposal & strip mine sites**
- ❑ **Aquatic non food area use products**
- ❑ **Vertebrate & invertebrate control products**

# OECD BIOCIDES WORK PROGRAMME

started in 1998

- Harmonisation of data requirements
- Efficacy testing and acceptability criteria
- Development of test guidelines
- Exposure assessment and risk assessment
- Cooperation between countries in reviews
- Risk reduction

# **BIOCIDES STEERING GROUP**

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

# BIOCIDES STEERING GROUP MEMBERS

- ❑ **Austria**
- ❑ **Australia**
- ❑ **Canada**
- ❑ **Finland**
- ❑ **France**
- ❑ **Germany**
- ❑ **Netherlands**
- ❑ **Japan**
- ❑ **United States**
- ❑ **United Kingdom**
- ❑ **Switzerland**
- ❑ **European Commission**
- ❑ **Am. Chemistry Council**
- ❑ **CEFIC**

# BIOCIDES WORK

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

# **BIOCIDES WORK**

- **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 - ONGOING WORK

- **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 sent to Member countries Oct 2002**
  - **finalisation anticipated early 2003**

# EXPOSURE ASSESSMENT - ONGOING WORK

- **ESDs for ANTI-FOULING PRODUCTS**
  - to be done under an EC contract
  - to be started before end of 2002
  - close collaboration with EUBEES work
  - overseen by OECD experts
  - to be finalised in 2005

# EXPOSURE ASSESSMENT - ONGOING WORK

- **DEVELOPMENT OF INTERNATIONALLY RECOGNISED TEST METHODS FOR LEACHING OF WOOD PRESERVATIVES**
  - from treated wood during storage
  - from treated wood in service
- **OECD/CEN TC 38 COLLABORATION**
  - drafts received spring 2002
  - final versions anticipated end 2002
  - validation 2003 to 2004
  - finalisation in 2005

# EFFICACY WORK

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

# EFFICACY WORKSHOP

- **Attended by academics, regulators and industry**
- **Report available early 2003**
- **Follow up work agreed**
  - **test methods**
  - **Guidance on test methods**
  - **performance standards**
  - **label claims**
  - **continued information exchange**

# OTHER BIOCIDES WORK

- **DATA BASE ON PESTICIDE & BIOCIDES REVIEWS**
  - links to national web pages of OECD countries
  
- **RISK REDUCTION INFORMATION**
  - regular updates at WGP meetings
  
- **OTHER INFORMATION SHARING**
  - Workshop on electronic tools  
Ottawa, Canada, 2-4 October 2002

# ELECTRONIC TOOLS WORKSHOP

- ❑ **Ottawa, Canada, 2-4 October 2002**
- ❑ **Considered electronic tools used to regulate**
  - **New chemicals**
  - **Existing chemicals**
  - **Agricultural pesticides**
  - **Biocides**
- ❑ **Share information, make more efficient use of electronic tools, transfer data between the four regulatory programmes**

# **BIOCIDES WORK SUMMARY**

- ❑ **ESD for wood preservatives available**
- ❑ **ESDs for other product types to be started**
- ❑ **TEST GUIDELINE for leaching from wood**
- ❑ **EFFICACY**
  - **compilation of available efficacy tests**
  - **workshop that provides links between label claims & performance standards**
- ❑ **INFORMATION EXCHANGE**
  - **review work**
  - **risk reduction**
  - **electronic tools workshop**

# MORE INFORMATION?



**OECD WEB SITE**

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

**Click on “Pesticides and Biocides”**

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