



# ***HUMAN HEALTH AND ENVIRONMENTAL HAZARDS OF ENDOCRINE ACTIVE SUBSTANCES – EFSA MEETS STAKEHOLDERS***

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# **Endocrine disrupting substances (EDC) – Endocrine Active substances (EAS)**

**Issue of concern for public health and the  
environment**

**Growing scientific evidence over the past 40  
years**

**Some chemicals have the potential to  
alter/affect the normal functioning of the  
endocrine system of humans and wildlife**

# **EDC/EAS**

**Number of reports and initiatives confirm need for regulatory action**

**Criteria for the characterisation of EDCs/EAS a key issue in regulation**

**Knowledge has increased but knowledge gaps persist**

**Commission has taken a science based approach - Science and Regulation need to go hand in hand!**

# EDC/EAS and Health and Consumers DG (DG SANCO)

- ***Consumer products***

No specific EDC/EAS provisions in the General Product Safety Directive but a general obligation for safe products

- **Food and Feed, Medicines, Medical Devices, Food contact materials**

Risk Assessment based approach with no cut-off criteria

- ***Cosmetics >>***

- ***Plant Protection Products >>***

# EDC/EAS - Cosmetics

## The Cosmetics Regulation foresees

- when EU or internationally agreed criteria for identifying substances with endocrine-disrupting properties are available
- or at the latest on 11 January 2015, the Commission shall review the Regulation with regard to substances with endocrine-disrupting properties.
- Criteria making use of experiments on animals will run counter to the total ban on animal testing for cosmetic ingredients as of 11 March 2013
- Derogations only possible under strict conditions if a Member State asks for an exception to the ban

# EDC/EAS and Plant Protection Products

## Interim criteria

- Substances classified as Carcinogenic and Reprotoxic category 2 are to be considered as EDC/EAS
- Substances classified as Reprotoxic with toxic effects on endocrine organs may be considered as EDC/EAS

**New proposal for final criteria to be submitted to Standing committee by 14 Dec. 2013**

# **EDC/EAS and Science**

**Opinions of the Commission Scientific Committees  
(SCTEE 1999, SCHER 2005)**

**Report (2010) and Opinion (2013) of the European  
Food Safety Authority (EFSA)**

**Ad hoc Expert Group on EDC/EAS organised by DG ENV  
and managed by the JRC**

**Study reports (Kortenkamp et al,) reviews (WHO,  
OECD) and research (USA EPA programme)**

# **EFSA Opinion on EDC/EAS**

**In line with the operating principle of science based policy making**

**Elaborated in cooperation with other Agencies and the Commission Scientific Committees**

**Essential procedural step for the proposal on criteria for PPPs**

**Complimented the work of the Endocrine Disrupters Expert Advisory Group**

**....together with all available data and information, will form a solid basis for policy making, regulation, and research on EDC/EAS!!**



***Thank you!***