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OECD Role in International Acceptance of Data

Submitted by: OECD



Workshop on Metals Risk Assessment Cebu, Philippines 28-29 August 2015











- Assessment reports for metals are available for antimony, cadmium, cobalt, copper, nickle and zinc
- These assessments provide countries with high quality and often very extensive effects and risk data sets for key metals and their compounds, useful for national chemicals management programmes
- The assessments have highlighted a number of specificities not addressed (yet) by existing OECD guidance documents

Examples of such specificities are: Natural occurrence, essentiality, speciation and bioavailability, acclimatisation, bioaccumulation regulation...

OECD Workshop on Metals Specificities

- Objectives
 - Share regional experience in dealing with metal specific environmental hazard assessment
 - Review existing guidance for metals specific hazard assessment concepts
 - Understand and apply metal and inorganic specific tools and approaches
 - Identify opportunities for harmonisation of approaches across countries/regions

6









OECD Guidance on Grouping of Chemicals, Second Edition

• Grouping of chemicals:

- Formation of a chemical category or identification of (a) chemical analogue(s) to extend the use of measured data to similar untested chemicals, providing reliable estimates that are adequate for classification and labelling and/or risk assessment without further testing.
- When grouping metal compounds the main assumption is that toxicological and ecotoxicological properties are likely to be similar or follow a similar pattern as a result of the presence of a common metal ion.









- Help determine whether an OM or OMS should be assessed as part of inorganic moiety assessments or individually in its original form
- A step by step approach for examining available information on environmental fate and toxicity of the substances and their transformation products to identify the best path forward for ecological risk assessment
- This document informs the planning/grouping/prioritization of OM and OMS assessments



16







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- Application of metal-specific concepts can lead to more environmentally relevant standards, greater environmental protection and a reduction in costs of implementation
- Tools and concepts have been peer-reviewed and used extensively in developing metals effects files
- Formal inclusion of the concepts into OECD guidance would make it easier for other countries to incorporate them into their own regulatory systems
- Guidance would provide OECD countries the certainty that all metal files have been developed and scrutinised on a commonly agreed basis - thus encouraging the use of these extensive data sets more widely.