

Delphic HSE publications

Publications

1. Ingram A. J. (1969) Tumour induction in the axolotl (*Ambystoma mexicanum*) PhD Thesis, University of Southampton
2. Ingram A.J. (1971) The reactions to carcinogens in the axolotl (*Ambystoma mexicanum*) in relation to the "regeneration field control hypothesis". *J. Embryol. Exp. Morph.* **26** 425-444
3. Ingram A.J. (1972) The lethal and hepatocarcinogenic effects of dimethylnitrosamine injection in newt *Triturus helveticus*. *Br. J. Cancer* **26** 206-215.
4. Montesano R., Ingram A.J. and Magee P.N. (1973) Metabolism of dimethylnitrosamine by amphibians and fish in vitro. *Experimentia* **29** 599-601.
5. Ingram A.J. and Grasso P. (1975) Patch testing in the rabbit using a modified human patch test method. Application of histological and visual assessment. *Br.J. Dermatol.* **92** 131-142
6. Ingram A.J. and Grasso P. (1977) Nuclear enlargement and DNA synthesis in mouse epidermis treated with carcinogen and promoter. *Exp. Path.* **14** 233-242.
7. Ingram A.J., Butterworth K.R., Gaunt I.F., Grasso P. and Gangolli S.D. (1978) Short-term toxicity studies of sorbitan mono-oleate. *Fd. Cosmet. Toxicol.* **16** 535-542.
8. Ingram A.J. (1979) Interaction of benzo(a)pyrene and a hyperplastic agent in epidermal nuclear enlargement in the mouse. A dose-response study. *Chem-Biol. Interact.* **26** 103-113.
9. Ingram A.J., Butterworth K.R., Gaunt I.F., Grasso P. and Gangolli S. (1982) Short-term toxicity study of metatartaric acid in rats. *Fd. Chem. Toxicol.* **20** 253-257.
10. Ingram A.J. and Grasso P. (1983) Nuclear enlargement in mouse skin as a possible indicator of skin carcinogenicity. *Human Toxicol.* **3** 560-561.
11. Ingram A.J. and Grasso P. (1985) Nuclear enlargement, an early change produced in mouse skin by carcinogenic Chemicals applied topically in the presence of a promoter. *J. Appl. Toxicol.* **5** 53-60.
12. ECETOC Technical Report No. 21. (1986). A guide to the classification of carcinogens, mutagens and teratogens under the Sixth Amendment. European Chemical Industry Ecology and Technology Centre, Brussels, Belgium.
13. Francis J.L., Simmonds V.J. and Ingram A.J. (1986) The effect of carbon tetrachloride induced cirrhosis of the liver on fibrinogen-bound sialic acid and sialyltransferase activity in the rat. *Med. Lab. Sci.* **43** 38-43.
14. Ingram A.J. and Grasso P. (1987) Nuclear enlargement produced in mouse skin by carcinogenic mineral oils. *J. Appl. Toxicol.* **7** 289-295.
15. Ingram A.J. (1988). The use of short-term tests to predict the carcinogenicity of mineral oils. CONCAWE Report No 88/57. CONCAWE, Brussels.
16. Grasso P., Sharratt M. and Ingram A.J. (1988) Early changes produced in mouse skin by the application of three middle distillates. *Cancer Lett.* **42** 147-155.
17. Evans M.J., Hooper W.B., Ingram A.J., Pullen D.L. and Aston R.H.R. (1989) The chemical, physical and biological properties of a neat cutting oil during prolonged use in a large manufacturing facility. *Ann. Occup. Hyg.* **33** 537-553.

18. Ingram A.J. (1990) Carcinogenic oil fractionation and nuclear enlargement in mouse skin. *J. Appl. Toxicol.* **10** 113-118.
19. Ingram A.J. (1991). Review of chemical and UV-light induced melanoma incidence in experimental animals in relation to human melanoma incidence. CONCAWE Report No. 91/52. CONCAWE, Brussels.
20. Ingram A.J. and Grasso P. (1991) Evidence for and possible mechanisms of non-genotoxic carcinogenesis in mouse skin. *Mutation Res.* **248** 333-340.
21. Ingram A.J. (1992) Review of chemical and UV-light induced melanomas in experimental animals in relation to human melanoma incidence. *J. Appl. Toxicol.* **12** 39-43.
22. Ingram A.J. (1992) Does viscosity affect oil's cancer-producing potential? The IP 32P-post-labelling project. *Petroleum Review* October 1992 476-477, Institute of Petroleum, London.
23. CONCAWE (1992). Bitumens and bitumen derivatives. Product Dossier No. 92/104 CONCAWE, Brussels.
24. Ingram A.J. and Phillips J.C. (1993). DNA and protein binding in mouse skin following topical application of tritiated benzo(a)pyrene in acetone or mineral oils of differing viscosity. In: Polynuclear Aromatic Hydrocarbons (ed. P. Garrigues and M. Lamotte). Gordon and Breach Science Publishers 1993. pp 953-959.
25. Ingram A.J. and Phillips J.C. (1993) The dermal bioavailability of radiolabelled benzo(a)pyrene from acetone or oils of differing viscosity, assessed by DNA and protein binding. *J. Appl. Toxicol.* **13** 25-32.
26. Ingram A.J., King D.J., Grasso P. and Sharratt M. (1993) The early changes in mouse skin following topical application of a range of middle distillate oil products. *J. Appl. Toxicol.* **13** 247-257.
27. Ingram A.J. (1993). Furfural - an assessment of the carcinogenic hazard to man. CONCAWE Report No. 93/53. CONCAWE, Brussels.
28. Ingram A.J., Scammells D.V. and May K. (1994) An investigation of the main mutagenic components of a carcinogenic oil by fractionation and testing in the modified Ames assay. *J. Appl. Toxicol.* **14** 173-179.
29. Ingram A.J., Lee R. and Phillips J.C. (1995) Factors affecting the bioavailability of benzo(a)pyrene from oils in mouse skin: oil viscosity, grooming activity and its prevention. *J. Appl. Toxicol.* **15** 175-182.
30. Ingram A.J., Phillips J.C. and Lee R. (1995) DNA adduct formation by mineral oils and their fractions as indicated by 32P-postlabelling: is adduct formation truly indicative of carcinogenic potential? *J. Appl. Toxicol.* **15** 275-283.
31. Ingram A.J. (1998) Integumentary System. In: Target Organ Pathology: A Basic Text. (Eds. J.A. Turton and J. Hooson) Publ. Taylor and Francis.
32. Ingram A.J., Phillips J.C. and Davies S. (2000) DNA adducts produced by oils, oil fractions and polycyclic aromatic hydrocarbons in relation to repair processes and skin carcinogenesis. *J. Appl. Toxicol.* **20** 165-174.
33. Betton C. I. (1992). Lubricants and their Environmental Impact. In: Chemistry and Technology of Lubricants. R M Mortier and S T Orszulik (Eds). Blackie, Glasgow.
34. Betton C. I. (1992). Relevance of Eco-Labeling for the Oil Industry: What will be the Requirements for Hydrocarbon Products? Proceedings, Life Cycle Analysis and Eco Assessment in the Oil Industry. Institute of Petroleum, London. 26th November 1992

35. Betton C. I. and Simpson B J (1993). Oil Industry Response to Concerns on Environmental and Product Safety. Paper Presented at 1st SETAC World Congress, Lisbon, Portugal. 27th to 31st March 1993. Paper No49P.
36. Betton C. I. (1994). Oils and Hydrocarbons. In:- Handbook of Ecotoxicology. Vol. 2 Chapter 10. P Calow (Ed) Blackwells, Oxford.
37. Boxall A.B.A., Forrow D.M., Maltby L.L., Calow P. and Betton C.I. (1993). The Toxicity of Road Runoff Contaminated Sediment to *Gammarus pulex*. Poster presentation at 1st SETAC World Congress, Lisbon, Portugal. 27th to 31st March 1993. Poster No 74
38. Forrow D.M., Boxall A.B.A., Maltby., Calow P., and Betton C.I. (1993). The Impact of Road Runoff on the Structure and Function of Macroinvertebrate and Microbial Communities. Poster presentation at 1st SETAC World Congress, Lisbon, Portugal. 27th to 31st March 1993 Poster No 299
39. Maltby, L., Calow, P., and Betton, C. (1993). The Impact of Road Runoff on Freshwater Ecosystems - A Case Study. Paper Presented at the 1st SETAC World Congress, Lisbon, Portugal. 27th to 31st March 1993. Paper no 179P.
40. Maltby, L., Boxall, A., Forrow, D., Calow, P, and Betton, C. (1995). The Effects of Motorway Runoff on Freshwater Ecosystems :1.Field Study. *J. Env. Toxicol.Chem.* **14** (6) 1079-1092.
41. Maltby, L., Forrow,D., Boxall, A.D., Calow, P. and Betton, C. (1995). The Effects of Motorway Runoff on Freshwater Ecosystems : 2. Identifying Major Toxicants. *J Env. Toxicol Chem* **14** (6) 1093-1101.
42. Boxall, A., Maltby., Forrow, D. and Betton. C. (1994). The application of QSAR's to predict the toxicity of road runoff to *Gammarus pulex*. Paper presented at EU QSAR Conference Ispra, Italy, September 1994
43. Betton, C.I. (1995). Environmental Data and Interpretation : An Industrial Perspective. Paper presented at the Launch of the National Centre for Environmental Toxicology by the Secretary of State for the Environment, Institution of Civil Engineers, London. 21st March 1995.
44. Betton, C.I. (1995). The importance of Ecotoxicological data in industry: Interpretation and implementation. Paper presented at Metalworking Fluids Seminar "UK: Oil the Wheels and Cut Costs", organised by Baxi Partnership, NRA and Lancashire Waste Services. Preston UK, June 1995
45. Betton, C.I. (1997). Environmental Technology in the Oil Industry. (Ed. S T Orszulik), Chapter 10. "Lubricants". Blackie, Glasgow
46. Betton, C. I. (1997). Keynote Address :- Ecotoxicological Testing of Poorly Soluble Materials - Oils and Hydrocarbons. Eighth International Symposium on Toxicity Assessment; Insta8. Curtin University, Perth, 25-30 May 1997
47. Betton, C.I. (1998). Keynote Address :- Ecotoxicological assessment of offshore activities - A sideways look. International Workshop on Drilling Fluids, Ecotoxicology and Biodegradation. Curtin University, Perth, Western Australia. 8-9 October 1998
48. Betton, C.I. (1998). Environmental Considerations of Lubricants. Paper given at "Automotive Lubricants: Recent Advances and Future Developments". Institute of Mechanical Engineers, London. 29th October 1998
49. Betton, C.I. (1999). Ecotoxicological Assessment of Oil. Workshop at Croatia University Centre, Dubrovnik, June 1999

50. Betton, C.I. (2003). Practical use of Data in Cosmetic Risk Assessment. Paper presented at Formulate 2003, NEC Birmingham, November 22nd 2003
51. Betton, C.I. (2003) Cosmetic Safety. A Practical Approach to Risk Assessment. Euro Cosmetics. September 2003
52. Betton, C.I. (2004). Cosmetic Safety Assessment. In: Cosmetic Science Technology. Ed: C Johnson and G Loosemore. T Four Group, London.
53. Betton, C.I. (2005). The 7th Amendment to the EU Cosmetics Directive: A practical Guide. In: Cosmetic Science Technology. Ed: C Johnson and G Loosemore. T Four Group, London.
54. Boughton, R.M., and Betton, C. I. (2005). Essential Oils: An Assessment of Safety Issues. In: Cosmetic Science Technology. Ed: C Johnson and G Loosemore. T Four Group, London.
55. Betton, C.I. (2006). Environmental Technology in the Oil Industry. (Ed. S T Orszulik), Chapter 10. "Lubricants". 2nd Edition. Blackie, Glasgow.
56. Betton, C.I. and Boughton R.M., (2006) Cosmetic Safety Assessment – The Non-Animal Approach. In: Cosmetic Science Technology. Ed: C Johnson and G Loosemore. T Four Group, London.
57. Betton, C.I., (2006). Cosmetic Safety: The Role of Regulation and Risk Assessment in Protecting the Consumer. Paper presented at “International Symposium on Food and Drug Regulations: Present and Outlook” Organized by Saudi Food and Drug Authority (SFDA). Riyadh, Saudi Arabia, 21st/22nd May 2006.
58. Betton, C.I. (2006). REACH: Registration, Evaluation Authorization and Restriction of Chemicals. A new EU Regulation. Paper given at the First Annual Regulatory Forum at the Health and Beauty America Conference, New York. 6th September 2006.
59. Betton, C I., (2007). REACH: The Registration, Evaluation, Authorization of Chemicals Regulation of the European Union and the Impact on Cosmetics. In: Cosmetic Science Technology 2007 pp 183 – 192. Ed: C Johnson. T4 Group, London.
60. Betton, C.I., (2007) Risk Assessment and Cosmetics. In: Global Regulatory Issues for the Cosmetics Industry 1, Chapter 1. Ed: C I Betton. William Andrew Publishing. Norwich, New York (2007)
61. Betton, C.I., (2007) REACH. In: Global Regulatory Issues for the Cosmetics Industry 1, Chapter 3. Ed: C I Betton. William Andrew Publishing. Norwich, New York
62. Betton, C.I., (2007) Additives and the Environment: Where do the Priorities Lie?. Invited Keynote Address at the Royal Society of Chemistry Additives 2007 Conference, London 17th to 19th April 2007.
63. Betton, C.I., (2007) Ed. Global Regulatory Issues for the Cosmetics Industry. William Andrew Inc. NY. ISBN 978-0-8155-1567-8.