



**SOME INDUSTRIAL  
CHEMICALS**

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This publication represents the views and expert opinions of an IARC Working Group on the Evaluation of Carcinogenic Risks to Humans, which met in Lyon, 2–9 February 2016

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**IARC MONOGRAPHS  
ON THE EVALUATION  
OF CARCINOGENIC RISKS  
TO HUMANS**

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<sup>1</sup> Working Group Members and Invited Specialists serve in their individual capacities as scientists and not as representatives of their government or any organization with which they are affiliated. Affiliations are provided for identification purposes only. Invited Specialists do not serve as Meeting Chair or Subgroup Chair, draft text that pertains to the description or interpretation of cancer data, or participate in the evaluations.

Each participant was asked to disclose pertinent research, employment, and financial interests. Current financial interests and research and employment interests during the past 4 years or anticipated in the future are identified here. Minor pertinent interests are not listed and include stock valued at no more than US\$ 1000 overall, grants that provide no more than 5% of the research budget of the expert's organization and that do not support the expert's research or position, and consulting or speaking on matters not before a court or government agency that does not exceed 2% of total professional time or compensation. All grants that support the expert's research or position and all consulting or speaking on behalf of an interested party on matters before a court or government agency are listed as significant pertinent interests.

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<sup>4</sup> Deborah Glass receives significant research funding from the Australian Institute of Petroleum Ltd, Australia for the Health Watch cohort.

<sup>5</sup> Tom Sorahan received significant research funding for a study of European rubber workers from the European Tyre and Rubber Manufacturers Association (ETRMA) and paid via the International Prevention Research Institute (IPRI), France; and for a study of oil refinery and petroleum distribution workers from the UK Energy Institute, a trade association.

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<sup>6</sup> Michele Bisson attended as a Representative of the National Competence Centre for Industrial Safety and Environmental Protection (INERIS), France.

<sup>7</sup> Each Observer agreed to respect the Guidelines for Observers at IARC Monographs meetings. Observers did not serve as Meeting Chair or Subgroup Chair, draft any part of a Monograph, or participate in the evaluations. They also agreed not to contact participants before the meeting, not to lobby them at any time, not to send them written materials, and not to offer them meals or other favours. IARC asked and reminded Working Group Members to report any contact or attempt to influence that they may have encountered, either before or during the meeting.

<sup>8</sup> Susan Borghoff attended as an Observer for the American Chemistry Council's North American Flame Retardant Alliance. She is employed by ToxStrategies, a consulting firm that has provided research services related to tetrabromobisphenol A.

<sup>9</sup> Wolfgang Dekant attended as an Observer for the Bromine Science and Environmental Forum. He has received significant honoraria from the Bromine Science Environmental Forum and the American Chemistry Council for preparation of reviews on tetrabromobisphenol A.

<sup>10</sup> Pinar Erkekoglu attended as an Observer for Hacettepe University, Turkey

<sup>11</sup> Sylvia Jacobi attended as an Observer for Albemarle Europe SPRL. She is employed by and holds stock in Albermarle Europe, which manufactures 1-bromopropane and tetrabromobisphenol A.

<sup>12</sup> Orit Manor attended as an Observer for ICL-Industrial Products. She is employed by ICL-Industrial Products, a company producing tetrabromobisphenol A.

<sup>13</sup> Valentin Thomas attended as an Observer for the University of Paris Dauphine, France.

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IARC would like to dedicate this Monograph to Jane Mitchell (1952–2017), who was the Technical Editor for the present volume of the *IARC Monographs*. Jane joined IARC as a clerk-stenographer in 1976 and remained until 2007, when she was a technical assistant performing editing for the *IARC Monographs* programme, and subsequently continued her relationship with IARC as a freelance technical editor until 2017.