

**CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF ENVIRONMENTAL HEALTH HAZARD ASSESSMENT**

**SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986
(PROPOSITION 65)**

**NOTICE OF INTENT TO LIST A CHEMICAL
December 31, 2004**

The Safe Drinking Water and Toxic Enforcement Act of 1986 (commonly known as Proposition 65), codified at Health and Safety Code section 25249.5 et seq., provides two primary mechanisms for administratively listing chemicals that are known to the State to cause cancer or reproductive toxicity (Health and Safety Code section 25249.8(b)). A chemical may be listed under Proposition 65 when a body considered to be authoritative by the state's qualified experts has formally identified the chemical as causing cancer or reproductive toxicity. The following entities are identified as authoritative bodies for purposes of Proposition 65, as it pertains to chemicals known to cause cancer: the U.S. Environmental Protection Agency, the International Agency for Research on Cancer, the U.S. Food and Drug Administration, the National Institute for Occupational Safety and Health, and the National Toxicology Program. The criteria for listing chemicals through the authoritative bodies mechanism are set forth in Title 22, California Code of Regulations, section 12306.

As the lead agency for the implementation of Proposition 65, the Office of Environmental Health Hazard Assessment (OEHHA), within the California Environmental Protection Agency intends to list the chemical, *2,4-hexadienal*, as known to the State to cause cancer, pursuant to this administrative mechanism as provided in Health and Safety Code section 25249.8(b) and Title 22, Cal. Code of Regs., section 12306.

Relevant information related to the possible listing of *2,4-hexadienal* was requested in a notice published in the *California Regulatory Notice Register* on, July 2, 2004 (Register 04, No. 27-Z). The opportunity to request a public forum was provided, but no such request was received and no forum was held. One comment was received on *2,4-hexadienal*. OEHHA has reviewed the comment and determined that the chemical, *2,4-hexadienal*, meets the criteria for listing under Title 22, Cal. Code of Regs., section 12306, and therefore OEHHA is issuing this notice of intent to list it under Proposition 65. A document providing more detail on the basis for the listing of the chemical can be obtained from OEHHA's Proposition 65 Implementation Office at the address and telephone number indicated below, or from the OEHHA Web site at: <http://www.oehha.ca.gov/>. Anyone wishing to provide comments as to whether the listing of this chemical meets the criteria for listing provided in Title 22, Cal. Code of Regs., section 12306 should send written comments in triplicate, along with any supporting documentation, by mail or by fax to:

Ms. Cynthia Oshita
Office of Environmental Health Hazard Assessment
Street Address: 1001 I Street
Sacramento, California 95814
Mailing Address: P.O. Box 4010
Sacramento, California 95812-4010
Fax No.: (916) 323-8803
Telephone: (916) 445-6900

Comments may also be delivered in person or by courier to the above address. It is requested, but not required, that written comments and supporting documentation be transmitted via email addressed to: coshita@oehha.ca.gov. In order to be considered, comments must be postmarked (if sent by mail) or received at OEHHA (if hand-delivered, sent by FAX, or transmitted electronically) by 5:00 p.m. on Friday, January 30, 2005.

The following chemical has been determined by OEHHA to meet the criteria set forth in Title 22, Cal. Code of Regs., section 12306 for listing as causing cancer under the authoritative bodies mechanism:

| Chemical | CAS No. | Reference |
|---|---------|------------|
| 2,4-Hexadienal (89% trans, trans isomer; 11% cis, trans isomer) | --- | NTP (2003) |

REFERENCE

National Toxicology Program (NTP, 2003). *Toxicology and Carcinogenesis Studies of 2,4-Hexadienal (89% trans, trans isomer, CAS No. 142-83-6; 11% cis, trans isomer) in F344/N Rats and B6C3F₁ Mice (Gavage Studies)*. NTP Technical Report Series No. 509. NIH Publication No. 04-4443. U.S. Department of Health and Human Services, Public Health Service, National Institutes of Health, NTP, Research Triangle Park, NC.