**Summary of Health Effects**
BP-2 can cause cancer in animals and may lower the amount of testosterone produced. It may also affect the reproductive system of humans.

**How is BP-2 used?**
BP-2 is a chemical ingredient used in sunscreen and personal care products to provide sun-protection by filtering ultraviolet light.\(^1\)

**Toxicity: What are its health effects?**
Benzophenone is included on California’s Proposition 65 list as a carcinogen.\(^2\) The International Agency for Research on Cancer determined that there is sufficient evidence in experimental animals for the carcinogenicity of benzophenone.\(^3\)

A study of BP-2 exposure in mice found that BP-2 decreased the production of testosterone and, therefore, may reduce chemicals in the thyroid which affect the production of steroid hormones in the testis.\(^4\)

**Exposure: How can a person come in contact with it?**
A person can come in contact with BP-2 by breathing or swallowing it, or from skin contact.\(^3\)

The 2014 National Health and Nutrition Examination Survey (NHANES) report did not include data for BP-2.

**References**


2. California EPA, Office of Environmental Health Hazard Assessment. *List of chemicals known to the state to cause cancer or reproductive toxicity*. Retrieved May 25, 2018, from [oehha.ca.gov/proposition-65/proposition-65-list](oehha.ca.gov/proposition-65/proposition-65-list)
