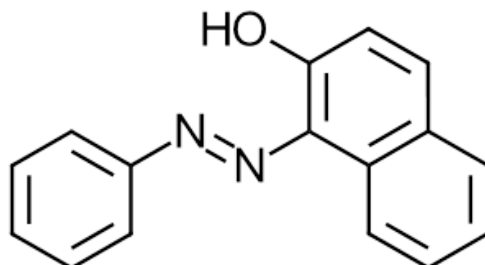


CAS 842-0-9

C.I. Solvent Yellow 14

C₁₆H₁₂N₂O



Summary of Health Effects

C.I. Solvent Yellow 14 can cause liver and bladder cancer in animals.

How is C.I. Solvent Yellow 14 used?

C.I. Solvent Yellow 14 is used as a dye to color waxes, oils, solvents, polishes, cellulose ether varnishes, and styrene resins.¹

Toxicity: What are its health effects?

C.I. Solvent Yellow 14 is listed as a carcinogen on California's Proposition 65 list, and in the National Institutes of Health's Hazardous Substance Database.^{1,2}

Mice developed liver tumors following injection of C.I. Solvent Yellow 14 beneath the skin and bladder tumors after bladder implantation.³

Exposure: How can a person come in contact with it?

A person can come in contact with C.I. Solvent Yellow 14 from skin contact with consumer products containing dyes.¹

The 2014 National Health and Nutrition Examination Survey (NHANES) report did not include data for C.I. Solvent Yellow 14.

References

1. National Library of Medicine (2003). *Hazardous Substances Data Bank (HSDB) for CI disperse yellow 3 (CASRN: 2832-40-8)*. Retrieved November 9, 2018, from toxnet.nlm.nih.gov/newtoxnet/hsdb.htm
2. California Environmental Protection Agency, 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
3. World Health Organization, International Agency for Research on Cancer (1975). *IARC Monograph on the evaluation of carcinogenic risk of chemicals to man; Some aromatic azo compounds, volume 8*. Retrieved from monographs.iarc.fr/ENG/Monographs/vol1-42/mono8.pdf