

Independence Ave., S.W., Washington, D.C. 20201.

	No. of re-spond-ents	No. of re-sponses/respond-ent	Aver-age bur-den/re-sponse (hrs.)
Students	260	5	.285
Faculty	36	3	0.83
"Standardized" patients	100	1	.33

Estimated total annual burden—412 hours.

Written comments and recommendations concerning the proposed information collections should be sent within 30 days of this notice directly to the individual designated.

Dated: June 30, 1995.

James Scanlon,

Director, Data Policy Staff, Office of the Assistant Secretary for Health and PHS, Reports Clearance Officer.
[FR Doc. 95-16804 Filed 7-6-95; 8:45 am]
BILLING CODE 4160-01-M

National Toxicology Program; Availability of Technical Report on Toxicology and Carcinogenesis Studies of Tricresyl Phosphate

The HHS' National Toxicology Program announces the availability of the NTP Technical Report on the toxicology and carcinogenesis studies of tricresyl phosphate which is an organophosphate plasticizer primarily used as a vinyl plasticizer in the manufacture of vinyl plastics for automotive interiors and as a fire-retardant and anti-wear additive to industrial lubricants such as hydraulic fluids, extreme pressure fluids, cutting oils, machine oils, automotive transmission fluids, and certain cooling lubricants.

Toxicology and carcinogenicity studies were conducted by administering tricresyl phosphate in feed to groups of 95 F344/N rats of each sex at doses 0, 75, 150, or 300 ppm for 2 years. An additional group of 95 F344/N rats of each sex were given a dose of 600 ppm for 22 weeks and then received only control feed. After 3, 9, and 15 months of chemical exposure, up to 15 F344/N rats of each sex per group were evaluated for forelimb and hindlimb grip strength, then necropsied and evaluated for histopathologic lesions. Groups of 95 B6C3F₂ mice of each sex were fed diets at doses 0, 60, 125, or 250 ppm for 2 years. After 3, 9, and 15 months of chemical exposure, up to 15 of each sex per group were evaluated for

forelimb and hindlimb grip strength, then necropsied and evaluated for histopathologic lesions. An additional group of 10 F344/N rats and B6C3F₁ mice of each sex received tricresyl phosphate in corn oil by gavage at doses of 0, 360, 730, 1,450, 2,900, or 5,800 mg/kg body weight for 16 days. Groups of 10 F344/N rats and B6C3F₁ mice of each sex received tricresyl phosphate in corn oil by gavage at doses of 0, 50, 100, 200, 400, or 800 mg/kg body weight for 13 weeks.

Under the conditions of these 2-year feed studies, there was no evidence of carcinogenic activity¹ of tricresyl phosphate in male or female F344/N rats that received 75, 150, or 300 ppm. There was no evidence of carcinogenic activity of tricresyl phosphate in male or female B6C3F₁ mice that received 60, 125, or 250 ppm.

Nonneoplastic lesions associated with exposure to tricresyl phosphate included cytoplasmic vacuolization of the adrenal cortex and ovarian interstitial cell hyperplasia in female rats, increased incidences of clear cell focus, fatty change, and ceroid pigmentation of the liver in male mice, and increased severity of ceroid pigmentation of the adrenal cortex in female mice.

Questions or comments about the Technical Report should be directed to Central Data Management at PO Box 12233, Research Triangle Park, NC 27709 or telephone (919) 541-3419.

Copies of *Toxicology and Carcinogenesis Studies of Tricresyl Phosphate (CAS No. 1330-78-5) (TR-433)* are available without charge from Central Data Management, NIEHS, MD A0-01, PO Box 12233, Research Triangle Park, NC 27709; telephone (919) 541-3419.

¹The NTP uses five categories of evidence of carcinogenic activity observed in each animal study: two categories for positive results ("clear evidence" and "some evidence"), one category for uncertain findings ("equivocal evidence"), one category for no observable effect ("no evidence"), and one category for studies that cannot be evaluated because of major flaws ("inadequate study").

Dated: June 14, 1995.

Kenneth Olden,

Director, National Toxicology Program.
[FR Doc. 95-16676 Filed 7-6-95; 8:45 am]
BILLING CODE 4140-01-P

National Toxicology Program; Availability of Technical Report on Toxicology and Carcinogenesis Studies of 4,4'-Thiobis (6-t-Butyl-m-Cresol)

The HHS' National Toxicology Program announces the availability of the NTP Technical Report on the toxicology and carcinogenesis studies of 4,4'-thiobis (6-t-butyl-m-cresol), which is used in the rubber and plastics industries as an antioxidant for polyolefins, polyethylenes, polypropylenes, natural rubber and latex. It is approved by FDA as a constituent of high-pressure polyethylene packaging for foodstuffs, excluding fats, and as a component of polyolefin film packaging in contact with meat or meat food products.

Toxicology and carcinogenicity studies were conducted by administering 4,4'-thiobis (6-t-butyl-m-cresol) in feed to groups of 115 male and 75 female F344/N rats at doses of 0, 500, 1,000, or 2,500 ppm and to groups of 80 B6C3F₁ mice of each sex at doses of 0, 250, 500, or 1,000 ppm for 2 years.

Under the conditions of these 2-year feed studies, there was no evidence of carcinogenic activity¹ of 4,4'-thiobis (6-t-butyl-m-cresol) in male or female F344/N rats administered 500, 1,000, or 2,500 ppm or in male or female B6C3F₁ mice administered 250, 500, or 1,000 ppm.

Nonneoplastic lesions associated with exposure to TBBC included: Kupffer cell

¹The NTP uses five categories of evidence of carcinogenic activity observed in each animal study: two categories for positive results ("clear evidence" and "some evidence"), one category for uncertain findings ("equivocal evidence"), one category for no observable effect ("no evidence"), and one category for studies that cannot be evaluated because of major flaws ("inadequate study").