



**PENTACHLOROPHENOL
AND SOME RELATED
COMPOUNDS**

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OF CARCINOGENIC RISKS
TO HUMANS**

LIST OF ABBREVIATIONS

ACGIH	American Conference of Governmental Industrial Hygienists
AhR	aryl hydrocarbon receptor
AHS	Agricultural Health Study
bw	body weight
CHAMACOS	Center for the Health Assessment of Mothers and Children of Salinas
DCFD	dichlorodihydrofluorescein diacetate
DMSO	dimethyl sulfoxide
dw	dry weight
E2	17 β -estradiol
EPN	<i>O</i> -ethyl <i>O</i> - <i>para</i> -nitrophenyl phenylphosphonothioate
ER	estrogen receptor
GABA	gamma-aminobutyric acid
GC-MS	gas chromatography-mass spectrometry
GJIC	gap-junctional intercellular communication
gpt	guanine-hypoxanthine phosphoribosyl transferase
GSH	glutathione
GSSG	oxidized glutathione
HCB	hexachlorobenzene
β -HCH	β -hexachlorocyclohexane
HENU	2-hydroxyethylnitrosourea
HPLC-ECD	high-performance liquid chromatography-electrochemical detection
HPLC-UV	high-performance liquid chromatography-ultraviolet
HpCDD	heptachlorodibenzo- <i>para</i> -dioxin
HxCDD	hexachlorodibenzo- <i>para</i> -dioxin
JEM	job-exposure matrix
MAPK	mitogen-activated protein kinase
MDA	malondialdehyde
NADPH	nicotinamide adenine dinucleotide phosphate reduced form
Na-PCP	sodium pentachlorophenate
NCI	National Cancer Institute
NDEA	<i>N</i> -nitrosodiethylamine
<i>Nrf2</i>	nuclear factor erythroid 2-related factor
NHANES	National Health and Nutrition Examination Survey

NHL	non-Hodgkin lymphoma
NIOSH	National Institute for Occupational Safety and Health
NQO1	NAD(P):quinone oxidoreductase 1
NMDA	<i>N</i> -methyl- <i>D</i> -aspartate
OCDD	octachlorodibenzo- <i>para</i> -dioxin
OCDF	octachlorodibenzofuran
8-OHdG	8-hydroxy-2'-deoxyguanosine
OR	odds ratio
PCB	polychlorinated biphenyl
PCDD	polychlorinated dibenzo- <i>para</i> -dioxin
PCDF	polychlorinated dibenzofuran
PeCDD	pentachlorodibenzo- <i>para</i> -dioxin
PeCDF	polychlorinated dibenzofuran
ROS	reactive oxygen species
SD	standard deviation
SIR	standardized incidence ratio
SMR	standardized mortality ratio
STS	soft tissue sarcoma
T3	triiodothyronine
T4	thyroxine
TCAB	3,3',4,4'-tetrachloroazobenzene
TCAOB	3,4,3',4'-tetrachloroazoxybenzene
TCBQ	tetrachlorobenzoquinone
TCHQ	tetrachlorohydroquinone
TCDD	2,3,7,8-tetrachlorodibenzo- <i>para</i> -dioxin
TDCF	tetrachlorodibenzofuran
TrCP	trichlorophenol
TEF	toxicity equivalence factor
TEQ	toxic equivalency
UDP-glucuronosyltransferase	uridine 5'-diphospho-glucuronosyltransferase
USA	United States of America
vs	versus
WHO	World Health Organization
ww	wet weight