

## SOME CHEMICALS USED AS SOLVENTS AND IN POLYMER MANUFACTURE

VOLUME 110

This publication represents the views and expert opinions of an IARC Working Group on the Evaluation of Carcinogenic Risks to Humans, which met in Lyon, 3–10 June 2014

LYON, FRANCE - 2017

IARC MONOGRAPHS  
ON THE EVALUATION  
OF CARCINOGENIC RISKS  
TO HUMANS

# LIST OF ABBREVIATIONS

---

2-AAF	2-acetylaminofluorene
8-OH-dG	8-oxo-2'-deoxyguanosine
AFB1	aflatoxin B1
AEGL	acute exposure guideline levels
ALT	alanine aminotransferase
AST	aspartate aminotransferase
bw	body weight
BBM	brush-border membrane
CAR	constitutive androstane receptor
CDNB	1-chloro-2,4-dinitrobenzene
CI	confidence interval
COHb	carboxyhaemoglobin
CCBL	cysteine conjugate $\beta$ -lyase
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
coA	coenzyme A
CYP	cytochrome P450
DCVC	S-(1,2-dichlorovinyl)-L-cysteine
DEHP	di(2-ethylhexyl)phthalate
DNEL	derived no-effect level
ECF	electrochemical fluorination
EPA	United States Environmental Protection Agency
FTOH	fluorotelomer alcohol
GC	gas chromatography
GC-MS	gas chromatography-mass spectrometry
GGT	gamma-glutamyltransferase
GSH	glutathione
GST	glutathione S-transferase
HR	hazard ratio
IL	interleukin
LC <sub>50</sub>	median lethal concentration
LXR $\alpha$	liver X receptor $\alpha$
MEHP	mono(2-ethylhexyl)phthalate
MS	mass spectrometry

---

NAcTFEC	<i>N</i> -acetyl- <i>S</i> -(1,1,2,2-tetrafluoroethyl)- <i>L</i> -cysteine
NADP(H)	nicotinamide adenine dinucleotide phosphate (reduced)
NAT	<i>N</i> -acetyltransferase
NHANES	National Health and Nutrition Examination Survey
NHL	non-Hodgkin lymphoma
NIOSH	United States National Institute of Occupational Safety and Health
NMR	nuclear magnetic resonance
OAT	organic anion transporter
OATP	organic anion-transporting polypeptide
OR	odds ratio
PFOA	perfluorooctanoic acid
PFOS	perfluorooctane sulfonate
PPAR	peroxisome proliferator-activated receptor
ppbv	parts per billion by volume
ppm	parts per million
PXR	pregnane X receptor
ROS	reactive oxygen species
SIR	standardized incidence ratio
SLCO	solute carrier organic anion
SMR	standardized mortality ratio
T3	triiodothyronine
T4	thyroxine
TFEC	<i>S</i> -(1,1,2,2-tetrafluoroethyl)- <i>L</i> -cysteine
TFEG	<i>S</i> -(1,1,2,2-tetrafluoroethyl)glutathione
TNF $\alpha$	tumour necrosis factor $\alpha$
TWA	time-weighted average
WHO	World Health Organization
w/v	weight per volume
ww	wet weight