

Appendix E:

List

of

Abbreviations

AAAS	American Association for the Advancement of Science	CDC	Centers for Disease Control and Prevention
ACTS	Advisory Committee of Toxic Chemicals (of Health and Safety Commission, UK)	CDRH	Center for Devices and Radiological Health
ACGIH	American Conference of Governmental and Industrial Hygienists	CEC	Commission for European Communities
ADI	acceptable daily intake	CEFIC	European Council of Chemical Manufacturers
AIDS	acquired immunodeficiency syndrome	CEHIC	Center for Environmental Health and Injury Control
AIHC	American Industrial Health Council	CEMBL	Center for Environmental and Molecular Biology of the Lung (UNC)
AMS	Agricultural Marketing Service (USDA)	CEPA	Canada Environmental Protection Act
AREAL	Atmospheric Research and Exposure Assessment Laboratory (EPA)	CFSAN	Center for Food Safety and Applied Nutrition
ATSDR	Agency for Toxic Substances and Disease Registry (DHHS)	CIIT	Chemical Industry Institute of Technology
BAT	best available technology	CIRRPC	Committee on Interagency Radiation Research and Policy Coordination
BBDR	biologically based dose response	CO	carbon monoxide
BMDs	benchmark doses	CPSC	Consumer Product Safety Commission
CAC	Codex Alimentarius Commission	CRADAS	cooperative research and development agreements
CAG	Carcinogen Assessment Group (EPA)	DBBS	Division of Biomedical and Behavioral Science (NIOSH)
CA-HHS	California Department of Health and Human Services	DBRA	Division of Biometry and Risk Assessment (NIEHS)
CCFAC	Codex Committee on Food Additives and Contaminants	DCE	Division of Cancer Etiology (NCI)
CCPR	Codex Committee on Pesticide Residues	DECOS	Dutch Expert Committee on occupational standards
CCRVFD	Codex Committee on Residues of Veterinary Drugs	DES	diethylstilbestrol
CCTN	Italian National Advisory Committee on Toxicology		

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DFG	Deutsche Forschungsgemeinschaft (German Research Agency)	HPAB	Hazard Pollutants Assessments Branch (ECAO)
DHHS	U.S. Department of Health and Human Services	HPV	high production volume
DOD	U.S. Department of Defense	HSC	Health and Safety Commission (U.K.)
DOE	U.S. Department of Energy	HSD	Human Studies Division (HERL)
DRDS	Division of Respiratory Disease Studies (NIOSH)	HSE	Health and Safety Executive (U.K.)
DRMS	Decision, Risk, and Management Science (NSF)	HUD	U.S. Department of Housing and Urban Development
DSDTT	Division of Standards Development and Technology Transfer (NIOSH)	HWC	Health and Welfare Canada
DSHEFS	Division of Surveillance, Hazard Evaluations and Field Studies (NIOSH)	IARC	International Agency for Research on Cancer
EC	European Community	ICO	International Coffee Organization
ECAO	Environmental Criteria Assessment Office (EPA)	IGM	intergovernmental mechanism
ECDIN	Environmental Chemicals Data and Information Network (EC)	ILO	International Labor Organization
EEA	European Environment Agency (EC)	IOM	Institute of Medicine
EH	Office of the Assistant Secretary for Environment, Safety, and Health	IPCS	International Programme on Chemical Safety
ELF	extremely low frequency	IRAA	Indoor Radon Abatement Act
EM	Office of Environmental Restoration and Waste Management (DOE)	IRLG	Interagency Regulatory Liaison Group
EMF	electromagnetic forces	IRPCT	International Register for Potentially Toxic Chemicals (UNEP)
EPA	U.S. Environmental Protection Agency	ITB	Irmunotoxicology Branch (HERL)
ER	Office of Energy Research (DOE)	ITRI	Inhalation Toxicology Research Institute
ETD	Environmental Toxicology Division (HERL)	JECFA	Joint Expert Committee on Food Additives
E&M	Division of Energy and Material (NRC)	JMPR	Joint Meeting on Pesticide Residues
FACA	Federal Advisory Committee Act	JRC	Joint Research Centers (EC)
FAO	United Nations Food and Agriculture Organization	LBL	Lawrence Berkeley National Laboratory
FAP	familial adenomatous polyposis	LLNL	Lawrence Livermore National Laboratory
FCCSET	Federal Coordinating Council on Science, Engineering and Technology	LMS	linearized multistage
FDA	Food and Drug Administration	LOAEL	lowest-observed-adverse-effect level
FHSA	Federal Hazardous Substances Act	LOEL	lowest-observed-effect level
FOE	Friends of the Earth	LQCB	Laboratory of Quantitative and Computational Biology (NIEHS)
GAC	granulated activated charcoal	MAC	maximum allowable concentration
GAO	General Accounting Office (U.S. Congress)	MAFF	Ministry of Agriculture, Fisheries, and Food (U.K.)
GATT	General Agreement on Tariffs and Trade	MEL	maximum exposure standard (OEL)
GLP	good laboratory practice	MIACC	Major Industrial Accidents Council of Canada
GTD	Genetic Toxicology Division (HERL)	MLE	maximum likelihood estimate
HEI	Health Effects Institute	MRC	Multi-Media Research committee (RIHRA)
HERL	Health Effects Research Laboratory	MRI	magnetic resonance imaging

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MRL	maximum residue limit	OSTP	Office of Science and Technology Policy
MSHA	Mining Safety and Health Administration	OTA	Office of Technology Assessment (U.S. Congress)
MTD	maximum tolerated dose	OTS	Office of Toxicological Sciences (EEA)
NAFTA	North American Free Trade Agreement	PAHO	Pan American Health Organization
NAS	National Academy of Sciences	PBPK	physiologically based pharmacokinetic
NATO	North Atlantic Treaty Organization	PCB	polychlorinated biphenyl
NCA	National Coffee Association	PCCDs	polychlorinated dibenzo-p-dioxins
NCAB	National Cancer Advisory Board (NCI)	PCDF	polychlorinated dibenzofurans
NCEH	National Center for Environmental Health	pCi/L	picocuries per liter
NCI	National Cancer Institute	PHS	Public Health Service
NCTR	National Center for Toxicology Research	PI	participating institution
NIEHS	National Institute for the Environmental Health Sciences	PIC	products of incomplete combustion
NIH	National Institutes of Health	PMA	Pharmaceutical Manufacturer's Association
NIOSH	National Institute for Occupational Safety and Health	ppm	parts per million
NOAEL	no-observed adverse-effect level	PTB	Pulmonary Toxicology Branch (HERL)
NOEL	no observed effect level	QEP	quantitative estimation and prediction
NRC	National Research Council or Nuclear Regulatory Commission	QRA	quantitative risk assessment
NRDC	National Resources Defense Council	RAC	Risk Assessment Council (ERA)
NSCI	National Swedish Chemicals Inspectorate	RAF	Risk Assessment Forum (EPA)
NSF	National Science Foundation	Rb	retinoblastoma
NTD	Neurotoxicology Division (HERL)	RCRA	Resources Conservation and Recovery Act
NTP	National Toxicology Program	RfC	inhalation reference concentration
OECD	Organisation for Economic Co-operation and Development	RfD	reference dose
OEL	occupational exposure limit	RIHRA	Research to Improve Health Risk Assessment program (EFA)
OES	occupational exposure standards (OEL)	RSAC	Research Strategies Advisory committee (SAB)
OHEA	Office of Health Effects Assessment (EPA)	RTD&E	Research Development Testing and Evaluation (DOD)
OHR	Office of Health Effects Research (HERL)	RTP	Research Triangle Park
OMB	Office of Management and Budget	SAB	Science Advisory Board (EPA)
OMMSQA	Office of Monitoring Research and Quality Assurance (EPA)	SAR	structure-activity relationships
OPPTS	Office of Prevention, Pesticides, and Toxic Substances (EPA)	SCE	sister chromatid exchange
ORAU	Oak Ridge Associated Universities	SDWA	Safe Drinking Water Act
ORD	Office of Research and Development (EPA)	SEA	Single European Act
OSHA	Occupational Safety and Health Administration	SIDS	Screening Information Data Set Project (OECD)
OSH Act	Occupational Safety and Health Act	TCDD	tetrachlorodibenzodioxin
OST	Office of Science and Technology	TEFs	toxicity equivalency factors
		UNC	University of North Carolina
		UNCED	United Nations Conference on Environment and Development
		UNEP	United Nations Environment Programme

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USDA	U.S. Department of Agriculture	WHO	World Health Organization
VOCs	volatile organic compounds	WLM	working-level months
WATCH	Workplace Assessment of Toxic Chemicals (HSE)	WPAFB	Wright-Patterson Air Force Base