

Toxicological Abbreviations

May 1998

AA	activation analysis; atomic absorption
AAF	acetylaminofluorene
AAPCC	American Association of Poison Control Centers
AAS	atomic absorption spectrophotometry
ABS	acrylonitrile-butadiene-styrene
ACE	angiotensin-converting enzyme
ACGIH	American Conference of Governmental Industrial Hygienists
ACh	acetylcholine
AChE	acetylcholinesterase
AcP	acid phosphatase
ACTH	adrenocorticotrophic hormone
AD	Alzheimer's disease
ADH	alcohol dehydrogenase; anti-diuretic hormone
ADI	acceptable daily intake
ADP	adenosine diphosphate
AEP	auditory evoked potential
AES	atomic emission spectroscopy
AFID	alkali flame ionization detection
Ah	aromatic hydrocarbon
AHH	aryl hydrocarbon hydroxylase
ai	active ingredient
AIDS	acquired immune deficiency syndrome
AIN	acute interstitial nephritis
ALA	aminolevulinic acid
ALAD	² -aminolaevulinic acid dehydratase
ALAS	o-aminolevulinic acid synthetase
ALAT	alanine aminotransferase
ALC	approximate lethal concentration
ALD	approximate lethal dose
ALMS	atomic line molecular spectrometry
ALT	alanine aminotransferase
AM	alveolar macrophages
AMP	amperometric titration
AMPA	aminomethylphosphonic acid
ANTU	alpha-naphthylthiourea
AP	alkaline phosphatase
APDM	aminopyrine-N-demethylase
APP	ammonium polyphosphate
AQG	Air Quality Guidelines
ARF	acute renal failure
ARL	acceptable or tolerable residue limit
ART	alternate reproductive test
ASAT	aspartate aminotransferase
ASV	anodic stripping voltammetry
ATA	alimentary toxic aleukia
ATH	alumina trihydrate
ATPase	adenosine triphosphatase

AUC area under the curve
AWI acceptable or tolerable weekly intake

B bursa-dependent
BA 2-bromoacrolein
BAER brainstem auditory-evoked response
BAF bioaccumulation factor
BAL bronchoalveolar lavage
BBB blood-brain barrier
BBPP bis(2,3-dibromopropyl) phosphate
BCF bioconcentration factor
BEA 2-bromoethylamine
BEI biological exposure index
BEN Balkan endemic nephropathy
BGG bovine gammaglobulin
BHA butylated hydroxyanisole
BHK baby hamster kidney
BIC butyl isocyanate
BMAA beta-N-methylamino-L-alanine
BMD benchmark dose (US EPA)
BMF biomagnification factor
BOAA beta-N-oxallylaminol-L-alanine
BOD biochemical oxygen demand
BP benzo[a]pyrene
BSA bovine serum albumin
BSP bromosulfophthalein
BUB 2-(3-butylureido)benzimidazole
BUN blood urea nitrogen
bw body weight

CA chrysanthemic acid
CALLA common acute lymphoblastic leukaemia antigen
cAMP cyclic adenosine monophosphate
CAS Chemical Abstracts Service
CBF cerebral blood flow
CC critical concentration
CCFA Codex Committee on Food Additives (see definition of Codex Alimentarius Commission)
CCPR Codex Committee on Pesticide Residues
CCTTE Computerized Listing of Chemicals Being Tested for Their Toxicological Effects (IPCS/IRPTC)
CD cluster of differentiation; coulometric detection
cDNA complementary DNA
CE capillary electrophoresis
CEC Commission of the European Communities
CEFIC European Council of Chemical Industry Federations
CFC chlorofluorocarbon
cGMP cyclic guanosine monophosphate

ChE	cholinesterase
CHO	Chinese hamster ovary
Ci	curie(s)
CI	confidence interval
CIN	chronic interstitial nephritis
CKSCC	cystic keratinizing squamous cell carcinoma
Cl ₂ CA	3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylic acid
CLD	chemiluminescence nitrogen detector
CLM	chemiluminescence method
CLV	ceiling value
Cl-Vacid (= CPIA)	2-(4-chlorophenyl)isovaleric acid
CMI	cell-mediated immunity
CML	cell-mediated lympholysis
CNS	central nervous system
COD	chemical oxygen demand
CO-Hb	carboxyhaemoglobin
COPD	chronic obstructive pulmonary disease
COT	Committee on Toxicity (United Kingdom)
cP	centipoise(s)
CP	coproporphyrins
CPA	cyclopropane carboxylic acid
CPK	creatine phosphokinase
CRMs	certified reference materials
CSF	cerebrospinal fluid
CSM	Committee on Safety of Medicines (United Kingdom)
CT	computerized tomography
cv	coefficient of variation

2,4-D	2,4-dichlorophenoxyacetic acid
DAB	4-dimethylaminobenzene
DABA	L-2,4-diaminobutyric acid
DBCP	1,2-dibromo-3-chloropropane
DBP	di-n-butyl phthalate; 2,3-dibromopropanol
DBT	dibutyltin
DCB	dichlorobenzene
DCVC	S-(1,2-dichlorovinyl)-L-cysteine
DDC	diethyldithiocarbamate
DDT	dichlorodiphenyltrichloroethane
DEHP	diethylhexyl phthalate
DEN	diethylnitrosamine
DES	diethylstilbestrol
DFB	diflubenzuron
DFP	diisopropylfluorophosphate (a delayed neurotoxic)
DHPN	N-bis(2-hydroxypropyl) nitrosamine
DiBP	di-iso-butyl phthalate
DIDT	5,6-dihydro-3H-imidazo (2,1-C)-1,2,4-dithiazole-3-thione
DIT	diiodotyrosine
DL	detection limit
DMA	dimethylamine

DMBA dimethylbenzathraline
DMF dimethylformamide
DMP dimethylphenol
DMSO dimethyl sulfoxide
DNA deoxyribonucleic acid
DNCB dinitrochlorobenzene
DNPH 2,4-dinitrophenyl hydrazine
DOC dissolved organic carbon
DPASV differential pulse anodic stripping voltammetry
DPTA diaminopropanoltetraacetic acid
DT₅₀ degradation time for 50% of a compound
DTPA diethylenetriamine pentaacetic acid

EBDC ethylene bisdithiocarbamate
EBK ethyl n-butyl ketone
EC effective concentration; electron capture; emulsifiable concentrate
EC₅₀ median effective concentration
ECD electron capture detection
ECETOC European Chemical Industry Ecology and Toxicology Centre
ECG electrocardiogram
ECMO extracorporeal membrane oxidation
ECOD 7-ethoxycoumarin-o-deethylase
EDA ethylenediamine; exploratory data analysis
EDB 1,2-dibromoethane (ethylene dibromide)
EDCF endothelial-derived contracting factor
EDI ethylene diisothiocyanate
EDL electrode discharge lamp
EDTA ethylenediaminetetraacetic acid
2-EE 2-ethoxyethanol
2-EEA 2-ethoxyethyl acetate
EEC European Economic Community; electroencephalograph
EEG electroencephalogram
EGF epidermal growth factor
EH epoxide hydratase
EHC Environmental Health Criteria
EI electron impact
EIFAC European Inland Fisheries Advisory Commission of FAO
ELISA enzyme-linked immunosorbent assay
EMDI estimated maximum daily intake
EMG electromyography
EMTD estimated maximum tolerated dose
ENG electroneurography
ENL erythema nodosum leprosum
ENU ethylnitrosourea
EP electrophoresis
EPA Environmental Protection Agency (USA)
EPDM ethylene propylene rubber
EPI exposure/potency index
EPS expandable polystyrene
EQC external quality control

EQT environmental quality target
ERL extraneous residue limit
EROD 7-ethoxyresuofin-o-deethylase
ESCA electron spectroscopy for chemical analysis
ESR erythrocyte sedimentation rate
ESRD end-stage renal disease
ETA electrothermal atomization
ETD ethylene bisthiuram disulfide
ETG epidermal transglutaminase
ETU ethylenethiourea
ETV electrothermal vaporization
EU ethyleneurea

F₀ parental generation
F₁ filial generation, first
F₂ filial generation, second
FAA flameless atomic absorption
FACS fluorescence activated cell sorter
FAD flavin adenine dinucleotide
FAO Food and Agriculture Organization
FCAT Freund's complete adjuvant test
f.c. Field capacity
FD fluorescence detection
FDA Food and Drug Administration (USA)
FEF forced expiratory flow
FEP free erythrocyte porphyrin
FEV forced expiratory volume
fg femtogram (10^{-15} g)
FI flame ionization
FID flame ionization detector
FMLP formyl methionyl leucyl phenylalanine
FMN flavin mononucleotide
FOB functional observational battery
FPD flame photometric detector
FR flame retardant
FS fluorescence spectrophotometry
FSC Food Safety Council (USA)
FSD flame photometric detector selective for sulfur
FSH follicle-stimulating hormone
FTIR Fourier transform infrared
FVC forced vital capacity

GA gibberillic acid
GABA gamma-aminobutyric acid
GAG glycosaminoglycan
GALT gut-associated lymphoid tissue
GAP good agricultural practice
GBM glomerular basement membrane

GC	gas chromatography
GC-ECD	gas chromatography with electron capture detector
GC-SIM	gas chromatography with selected ion monitoring
GDH	glutamate dehydrogenase
GDMS	glow discharge mass spectrometry
GEMS	Global Environmental Monitoring System
GESAMP	Group of Experts for the Scientific Aspects of Marine Pollution
GFAAS	graphite furnace atomic absorption spectrometry
GFR	glomerular filtration rate
GGT	gamma-glutamyltranspeptidase
GH	growth hormone
GI	gastrointestinal
GIFAP	International Group of National Association of Manufacturers of Agrochemical Products (French Acronym for: Groupement International des Associations Nationales de Fabricants de Produits Agrochimiques)
GLC	gas-liquid chromatography
GLDH	glutamate dehydrogenase
GLP	good laboratory practice
cGMP	cyclic guanosine monophosphate
GOT	glutamic-oxaloacetic transaminase
GPC	gel permeation chromatography
GPMT	guinea-pig maximization test
GPT	glutamic-pyruvic transaminase
GS	glutamine synthetase
GSH	glutathione-SH
GST	glutathione-S-transferase
GTB	glomerular tubular balance
GV	guidance value
GWP	global-warming potential

h	hour(s)
ha	hectare
Hb	haemoglobin
HBCD	hexabromocyclododecane
HBDH	hydroxybutyric dehydrogenase
H & E	haematoxolin and eosin
HCB	hexachlorobenzene
HCBD	hexachloro-1,3-butadiene
HCFC	hydrochlorofluorocarbon
HCFH-22	chlorodifluoromethane (CHClF_2)
HCG	human chorionic gonadotropin
HCH	hexachlorocyclohexane
HDL	high density lipoprotein
HDPE	high density polyethylene
HEAL	Human Exposure Assessment Location
HECD	Hall electron capture detector
HEV	high endothelial venule
HEX	hexachlorocyclopentadiene
HGPRT	hypoxanthine-guanine phosphoribosyltransferase
HIPS	high impact polystyrene

HIV human immunodeficiency virus
HLB hydrophilic-lipophilic balance
HLV hygienic limit value
hnRNA heterogeneous nuclear RNA
HPCA human progenitor cell antigen
HPI cyclohexane-1,2-dicarboximide
HPLC high-performance liquid chromatography
HPTLC high-performance thin-layer chromatography
HQ hydroquinone
HS headspace
HSA heat-stable antigen; human serum albumin
HSG Health and Safety Guide

IARC International Agency for Research on Cancer
IC ion chromatography
ICAM intercellular adhesion molecule
IC₅₀ median inhibitory concentration
ICD International Classification of Diseases
ICG indocyanine green
ICP inductively coupled plasma
ICST isolated cold stress testing
i.d. internal diameter
IDMS isotope dilution mass spectrometry
IFN interferon
Ig immunoglobulin
IL interleukin
ILO International Labour Organisation
ILSI International Life Science Institute
im intramuscular
ip intraperitoneal
IPA isopropylamine
IPCS International Programme on Chemical Safety
IQ intelligence quotient
IQC internal quality control
IR infrared
IRPTC International Register of Potentially Toxic Chemicals
ISO International Organization for Standardization
IT isomeric transition
IU international unit
IUPAC International Union of Pure and Applied Chemistry
iv intravenous

JECFA Joint FAO/WHO Expert Committee on Food Additives
JMPR Joint FAO/WHO Meeting on Pesticide Residues

kcal kilocalorie(s)
keV kiloelectronvolt(s)
K_{ow} octanol/water partition coefficient

LAP leucine aminopeptidase
LAQL lowest analytically quantifiable level
LC liquid chromatography
LC₅₀ median lethal concentration
LD₀₁ lethal dose for 1%
LD₅₀ median lethal dose
LDH lactate dehydrogenase
LDL low density lipoprotein
LDPE low density polyethylene
LDQ lowest detectable quantity
LEI lifetime exposure intensity
LEV local exhaust ventilation
Lf limit flocculation
LFA lymphocyte function-related antigen
LFP lavage fluid protein
LH luteinizing hormone
LI labelling index
LIF laser-induced fluorescence; leukaemia inhibitory factor
LLD lowest lethal dose
LMS linear multistage model
LMW low molecular weight
LOAEL lowest-observed-adverse-effect level
LOD limit of determination
LOEL lowest-observed-effect level
LRNI lower reference nutrient intake (UK)
LSC liquid scintillation counter
LT₅₀ median lethal time
LTP long-term potentiation

MAA methoxyacetic acid
MAC maximum allowable concentration
MAD maximum allowable deviation
MAFF Ministry of Agriculture, Forestry and Fisheries (Japan)
MAK maximum workplace concentration (Maximale Arbeitsplatzkonzentration)
MALT mucosa-associated lymphoid tissue
MAM methylazoxymethanol
MAP mutagenic activity profile
MAOI monoamine oxidase inhibitor
MARC Monitoring and Assessment Research Centre (UK)
MARE monoclonal anti-rat immunoglobulin E
MAS molecular absorption spectrometry
MAT mean absorption time
MATC maximum acceptable toxicant concentration
MBC minimum bactericidal concentration
MBDE mass balance differential equation
MBK methyl n-butyl ketone
MBP monobutyl phthalate
MBT monobutyltin
MC methyl chloroform

3-MC	3-methylcholanthrene
MCD	microcoulometric detection
MCH	mean cell haemoglobin
MCHC	mean cell haemoglobin concentration
mCi	millicurie
MCL	melanotic cell lines
MCPA	4-chloro-o-tolyoxyacetic acid
MCV	mean cell volume
MDA	malondialdehyde
MDI	methylene-diphenyl diisocyanate
MDMA	methylenedioxymethamphetamine
2-ME	2-methoxyethanol
2-MEA	2-methoxyethyl acetate
MeB ₁₂	methylcobalamin
MED	minimum effective dose; minimal erythemal dose
MEHP	monoethylhexyl phthalate
MEK	methyl ethyl ketone
mEq	milliequivalent
MeV	megaelectronvolt(s)
MFO	mixed-function oxidase
MHC	major histocompatibility complex
MHW	Ministry of Health and Welfare (Japan)
MIBK	methyl isobutyl ketone
MIC	minimal inhibitory concentration
MIT	methylisothiocyanate; moniodotyrosine
MLD	minimum lethal dose
MLR	mixed lymphocyte response assay
MLSS	mixed liquor suspended solids
MMA	methoxyacetic acid
MMAD	mass median aerodynamic diameter
MMH	monomethylhydrazine
mmHg	millimetre(s) of mercury
MMMF	man-made mineral fibre
MNNG	N-methyl-N-nitro-N-nitrosoguanidine
MNU	N-methyl-N-nitrosurea
mPa	millipascal (7.5×10^{-6} mmHg)
MPC	maximum permissible limit
MQL	minimum quantifiable limit
MRBIS	mean running bias index score
MRL	maximum residue limit
mRNA	messenger RNA
MRVIS	Mean Running Variance Index Score
MS	mass spectrometry
MSD	mass selective detection
MSW	municipal solid waste
MTBE	methyl tertiary butyl ether
MTC	maximum tolerable or acceptable concentration
MTD	maximum tolerated dose
MTE	mild toxic encephalopathy
MTI	N-(hydroxymethyl)-3,4,5,6-tetrahydropthalamide

NAA neutron activation analysis
NAC N-acetyl cysteine
NAD nicotinamide adenine dinucleotide
NADP nicotinamide adenine dinucleotide phosphate
NADPH reduced nicotinamide adenine dinucleotide phosphate
NBU N-nitrosobutylurea
NCAM neural cell adhesion molecule
NCI National Cancer Institute (USA); negative ion chemical ionization
NCV nerve conduction velocity
ND not detectable
NDDC sodium diethyldithiocarbamate
NDMA nitrosodimethylamine
NDMC sodium dimethyldithiocarbamate
NEQUAS National External Quality Assessment Scheme (UK)
NFT neurofibrillary tangle
ng nanogram (10^{-9} g)
NIOSH National Institute for Occupational Safety and Health (USA)
NK natural killer
nm nanometer
NMCL nonmelanolic cell lines
NMN N-methylnicotinamide
NMOR N-nitrosomorpholine
NMR nuclear magnetic resonance
NNM N-nitrosomorpholine
NO nitrogen oxide
NOAEL no-observed-adverse-effect level
NOEC no-observed-effect concentration
NOEL no-observed-effect level
NOLC no-observed-lethal concentration
NPD nitrogen-phosphorus sensitive detector
NPSH non-protein sulphydryl
NSAID non-steroidal anti-inflammatory drugs
NSD nitrogen selective detector
NTA nitrilotriacetic acid
NTE neuropathy target esterase
NTEL no-toxic-effect level
NTP National Toxicology Program (USA)

OCT ornithine carbamoyltransferase
ODC ornithine decarboxylase
ODP ozone-depletion potential
OECD Organisation for Economic Co-operation and Development
OEL occupational exposure limit
OER oxygen enhancement ratio
OES occupational exposure standard; optical emission spectrometry
OET open epicutaneous test
OP organophosphate
OPIDN organophosphate-induced delayed neuropathy
OR odds ratio

OSC oil-enhanced suspension concentrate
OSHA Occupational Safety and Health Administration (USA)
OVA ovalbumin
OZT oxazolidinethione

PA polyamides
PAA photon activation analysis
2-PAM
chloride pralidoxine (2-pyridine aldoxime methyl) chloride
PAH p-aminohippurate; polycyclic aromatic hydrocarbon
PALS periarteriolar lymphocyte sheath
PAN peroxyacetyl nitrate; polyacrylonitrile
PAS periodic acid Schiff stain
PB phenobarbital
PBA phenoxybenzoic acid
PBalc 3-phenoxybenzyl alcohol
PBald 3-phenoxybenzaldehyde
PBB polybrominated biphenyl
PBDD polybrominated dibenzodioxin
PBDE polybrominated diphenyl ether
PBDF polybrominated dibenzofuran
PBI protein-bound iodine
PBPK physiologically based pharmacokinetics
PBT polybutylene terephthalate
PCBD S-(1,2,3,4,4-pentachloro-1,3-butadienyl)
PCDD polychlorinated dibenzodioxin
PCDF polychlorinated dibenzofuran
PCA para-chloroaniline (4-chloroaniline); passive cutaneous anaphylaxis
PCB polychlorinated biphenyl
PCBD S-(1,2,3,4,4-pentachloro-1,3-butadienyl)
PCDD polychlorinated dibenzo-p-dioxin
PCDF polychlorinated dibenzofuran
PCDPE polychlorinated diphenylether
PCE polychromatic erythrocytes
PCOM phase contrast optical microscopy
PCPY polychlorinated pyrene
PCQ polychlorinated quaterphenyl
PCT porphyria cutanea tarda
PCV packed-cell volume
PD plasma desorption
PDG phosphate-dependent glutaminase
PE polyethylene
PEF peak expiratory flow
PEG pneumoencephalography
PEL permissible exposure limit
PET polyethylene terephthalate
PFC plaque-forming cell
pg picogram (10^{-12} g)
PG prostaglandin
pH the negative logarithm of the hydrogen ion concentration

PHF paired helical filaments
PHS prostaglandin-H-synthetase
PIB piperonyl butoxide
PIC picrotoxin
PID photo-ionization detection
PIXE proton-induced X-ray emission
pKa the negative logarithm of the dissociation constant
PMBA p-methylbenzyl alcohol
PMN polymorphonuclear leukocyte
PMTDI provisional maximum tolerable daily intake
PMR proportional mortality rate
PMSG pregnant mare serum gonadotrophin
PNS peripheral nervous system
pO₂ plasma partial pressure (concentration) of oxygen
POCP photochemical ozone-creation potential
PoG proteoglycan
POS psycho-organic syndrome
PP polypropylene
ppb parts per billion
ppm parts per million
ppt parts per trillion
PSD passive sampling device
PSPS Pesticides Safety Precautions Scheme (United Kingdom)
PT prothrombin time
PTH parathyroid hormone
PTT partial thromboplastin time
PTU propylenethiourea
PTWI provisional tolerable weekly intake
PTZ pentylenetetrazole
PVC polyvinyl chloride
PYR pyrene

QA quality assurance
QAP quality assurance programme
QC quality control
QSAR quantitative structure-activity relationship

RACB reproductive assessment by continuous breeding
RAST radioallergosorbent test
RBC red blood cell
RBP retinal binding protein
RDA recommended dietary allowance (USA)
REL recommended exposure limit
RER rough endoplasmic reticulum
RIA radio-immuno assay
RIPT repeat insult patch test
RMA reflex modification audiometry
RNA ribonucleic acid
RNI reference nutrient intake (UK)
ROC reactive organic carbon

RPN renal papillary necrosis
RR relative risk
RTECS Registry of Toxic Effects of Chemical Substances
RUBISCO ribulose 1,5-biphosphate carboxylase

S9 9000 x g supernatant
SAM S-adenosylmethionine
SAP serum alkaline phosphatase
SAR structure-activity relationship
sc subcutaneous
SC suspension concentrate
SCE sister chromatid exchange
SCF stem-cell factor
SCID severe combined immunodeficiency
SCOPE Scientific Committee on Problems of the Environment of the International Council of Scientific Unions
SD standard deviation
SDAT senile dementia of Alzheimer type
SE standard error
SEM standard error of the mean; scanning electron microscopy
SER smooth endoplasmic reticulum
SFC supercritical fluid chromatography
SFS subjective facial sensation
SGOMSEC Scientific Group on Methodologies for the Safety Evaluation of Chemicals
SGOT serum glutamic-oxaloacetic transaminase
SGPT serum glutamic-pyruvic transaminase
SHE Syrian Hamster embryo
SIM selected ion monitoring
SIMS secondary ion mass spectrometry
SLE systemic lupus erythematosus
SMA sequential multiple analyser
SMR standardized mortality ratio
SOP standard operating procedure
SPF specific pathogen free
SPM suspended particulate matter
S-PMA S-phenyl-mercapturic acid
SRT simple reaction time
SSB single strand breaks
STEL short-term exposure limit

t₃ triiodothyronine
t₄ thyroxine
2,4,5-T 2,4,5-trichlorophenoxyacetic acid
TADI temporary acceptable daily intake
TAN tropical ataxic neuropathy
TAP trialkyl/aryl phosphate
TBBPA tetrabromobisphenol A
TBG thyroxine-binding globulin

TBP	tributyl phosphate
TBPP	tris(2,3-dibromopropyl) phosphate
TBT	tributyltin
TBTO	tributyltin oxide
TCA	tricarboxylic acid cycle
TCD	thermal conductivity detection
TCDD	2,3,7,8-tetrachlorinated dibenzo-p-dioxin
TCDF	2,3,7,8-tetrachlorinated dibenzofuran
TCE	1,1,1-trichloroethylene
TCP	trichlorophenol; tricresyl phosphate
TCPP	tris(1-chloro-2-propyl)phosphate
TCR	T-cell receptor
TDC	thermal conductivity detection
TDI	tolerable daily intake; toluene diisocyanate
TDLAS	tunable diode laser absorption spectrometry
TEA	tetraethyl ammonium; thermal energy analyser
TEAC	tetraethylammonium chloride
TEAM	total exposure assessment methodology
TEF	toxicity equivalency factor
TEPP	tetraethyl-pyrophosphate
TGA	thermogravimetric analysis
TH	thyroid hormone
THF	tetrahydrofolate
TI	tolerable intake
TLC	thin-layer chromatography
TLV	threshold limit value
TMCP	tri-meta-cresyl phosphate
TMDI	theoretical maximum daily intake
TML	tetramethyllead
TMRL	temporary maximum residue limit
TMT	trimethyltin
TNF	tumour necrosis factor
TOCP	tri-ortho-cresyl phosphate
TOD	total oxygen demand
TPA	12-O-tetradecanoylphorbol-13-acetate
TPCP	tri-para-cresyl phosphate
TPI	3,4,5,6-tetrahydropthalimide
TPIA	3,4,5,6-tetrahydronphthalic acid
TPN	total parenteral nutrition
TPO	thyroid peroxidase
TPP	triphenyl phosphate
TPTA	triphenyltin acetate
TPTH	triphenyltin hydroxide
tRNA	transfer ribonucleic acid
TRP	tubular reabsorption of phosphate
TSH	thyroid-stimulating hormone (thyrotropin)
TSP	total suspended particulate
TST	temperature sensitivity
TT	toxicity threshold
TWA	time-weighted average

UCM urographic contrast medium
UCL upper confidence limit
UDP uridine diphosphate
UDPGA UDP-glucuronic acid
UDPGT UDP-glucuronosyltransferase
UDS unscheduled DNA synthesis
UF uncertainty factor
ULV ultra-low volume

UNEP United Nations Environment Programme
UNICEF United Nations Children's Fund
US ATSDR US Agency for Toxic Substance and Disease Registry
UV ultraviolet
UVB ultraviolet B

VC vinyl chloride
VCAM vascular cell adhesion molecule
VER visual evoked response
VHH volatile halogenated hydrocarbon
VLA very late antigen
VLDL very low-density lipoproteins
VOC volatile organic carbon compound
VSD virtually safe dose
VTR vibration threshold
v/v volume per volume

WAIS Wechsler Adult Intelligence Scale
WBC white blood cell
WG water-dispersible granule
WHO World Health Organization
WISN warfarin-induced skin necrosis
WP wettable powder
w/v weight per volume

XRF X-ray-generated atomic fluorescence
XRFS X-ray fluorescence spectroscopy

ZPP zinc protoporphyrin