



# 1,1,1-TRICHLOROETHANE AND FOUR OTHER INDUSTRIAL CHEMICALS

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TO HUMANS

# LIST OF ABBREVIATIONS

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AC <sub>50</sub>	half-maximal activity concentration
ACGIH	American Conference of Governmental Industrial Hygienists
ADP	adenosine diphosphate
AML	acute myeloid leukaemia
ARC	anticipated residue concentration
ATP	Danish Supplementary Pension Fund Register (Arbejdsmarkedets Tillægspension)
ATSDR	Agency for Toxic Substances and Disease Registry
BAT	biological tolerance value (Biologischer Arbeitsstoff-Toleranz-Wert)
BEI	biological exposure indices
bw	body weight
CAS	Chemical Abstracts Service
cDNA	complementary DNA
CHO	Chinese hamster ovary
CLL	chronic lymphocytic leukaemia
CYP	cytochrome P450
DFG	Deutsche Forschungsgemeinschaft (The German Permanent Senate Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area of the German Research Foundation)
DGUV	German Statutory Accident Insurance (Deutsche Gesetzliche Unfallversicherung)
2,3-DHBA	2,3-dihydroxybenzoic acid
DMSO	dimethyl sulfoxide
DSE	Danish five-digit branch/industry code (Danmarks Statistisk Erhvervsgrupperingskode)
EASE	Estimation and Assessment of Substance Exposure
ECD	electron capture detection
e-waste	electronic waste
FID	flame ionization detection
FINJEM	Finnish job-exposure matrix
GC	gas chromatography
GC-MS	gas chromatography-mass spectrometry
GC-MS/MS	gas chromatography-tandem mass spectrometry
GC-Q-TOF-MS	gas chromatography quadrupole time of flight mass spectrometry
GLP	Good Laboratory Practice
GPT	glutamic--pyruvic transaminase
GST	glutathione S-transferase
HHE	Health Hazard Evaluation Program

HSPME	headspace solid-phase microextraction
IDLH	immediately dangerous to life and health
ISIC	International Standard Industrial Classification of all Economic Activities
IWS	Industrywide Studies
IUPAC	International Union of Pure and Applied Chemistry
KC	key characteristic
LMICs	low- and middle-income countries
LOD	limit of detection
MRL	minimal risk level
MTD	maximum tolerated dose
NADPH	reduced nicotinamide adenine dinucleotide phosphate
NCI	National Cancer Institute
ND	not detected
NHEXAS	National Human Exposure Assessment Survey
NHL	non-Hodgkin lymphoma
NIOSH	National Institute for Occupational Health and Safety
NK	natural killer
NOCCA	Nordic Occupational Cancer Study
NOES	National Occupational Exposure Survey
NR	not reported
NS	not significant
NTP	National Toxicology Program
NWQMC	National Water Quality Monitoring Council
8-OHdG	8-hydroxy-2-deoxyguanosine
OSHA	Occupational Safety and Health Administration
PBZ	personal breathing zone
PEG	primary exposure group
ppm	parts per million
RCC	renal cell carcinoma
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
REL	recommended exposure limit
RMOA	Regulatory Management Option Analysis
SIR	standardized incidence ratio
SPE	solid-phase extraction
SPME	solid-phase microextraction
TBARS	thiobarbituric acid-reactive substances
TLV	threshold limit value
Tox21	Toxicology in the 21st Century
ToxCast	Toxicity Forecaster
TRI	Toxic Release Inventory
TWA	time-weighted average
US EPA	United States Environmental Protection Agency
US FDA	United States Food and Drug Administration
VOC	volatile organic compound
v/v	volume per volume