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ON THE EVALUATION
OF CARCINOGENIC RISKS
TO HUMANS

LIST OF ABBREVIATIONS

AcPrCys N-acetyl-S-(n-propyl)-L-cysteine AHR aromatic hydrocarbon receptor AhR aryl hydrocarbon receptor AMCC N-acetyl-S-(N-methylcarbamoyl)cysteine AUC area under the concentration curve bw body weight CI confidence interval CoQ10 coenzyme Q10 CYP cytochrome P450 DHPN N-bis(2-hydroxypropyl)nitrosamine EPA United States Environmental Protection Agency GABA gamma-aminobutyric acid GC gas chromatography GLP good laboratory practice GM geometric mean GSH reduced glutathione GSSG oxidized glutathione GST glutathione S-transferase GSPrCys globin-S-propylcysteine HHE health hazard evaluation HMF N-hydroxymethyl-N-methylformamide HMMF N-hydroxymethyl-N-methylformamide HMMF N-hydroxymethyl-N-methylformamide HPLC high-performance liquid chromatography MAK Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area MAPK mitogen-activated protein kinase MDA malondialdehyde NIOSH United States National Institute for Occupational Safety and Health NRF2/ARE nuclear erythroid-related factor 2/antioxidant response element NTP United States National Toxicology Program OR odds ratio OSHA Occupational Safety and Health Administration PGE2 prostaglandin E2	4-OH-TEMPO	4-hydroxy-2,2,6,6-tetramethylpiperidin-1-oxyl
AhR aryl hydrocarbon receptor AMCC N-acetyl-S-(N-methylcarbamoyl)cysteine AUC area under the concentration curve bw body weight CI confidence interval COQ10 coenzyme Q10 CYP cytochrome P450 DHPN N-bis(2-hydroxypropyl)nitrosamine EPA United States Environmental Protection Agency GABA gamma-aminobutyric acid GC gas chromatography GLP good laboratory practice GM geometric mean GSH reduced glutathione GSSG oxidized glutathione GSSG oxidized glutathione GSPrCys globin-S-propylcysteine HHE health hazard evaluation HMF N-hydroxymethyl-N-methylfornamide HMMF N-hydroxymethyl-N-methylfornamide HMMF N-hydroxymethyl-N-methylfornamide HMMF N-hydroxymethyl-N-methylfornamide MAK Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area MAPK mitogen-activated protein kinase MDA malondialdehyde NIOSH United States National Institute for Occupational Safety and Health NK natural killer NRF2/ARE nuclear erythroid-related factor 2/antioxidant response element NTP United States National Toxicology Program OR odds ratio OSHA Occupational Safety and Health Administration	AcPrCys	N-acetyl-S-(n-propyl)-L-cysteine
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NTP United States National Toxicology Program OR odds ratio OSHA Occupational Safety and Health Administration	NK	natural killer
OR odds ratio OSHA Occupational Safety and Health Administration	NRF2/ARE	·
OSHA Occupational Safety and Health Administration	NTP	United States National Toxicology Program
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PGE2 prostaglandin E2		
	PGE2	prostaglandin E2

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PPAR	peroxisome proliferator-activated receptor
ROS	reactive oxygen species
RR	relative risk
SEER	Surveillance, Epidemiology and End Results
SMR	standardized mortality ratio
SOD	superoxide dismutase
SRR	standardized relative risk
T_3	triiodothyronine
T_4	thyroxine
TBARS	thiobarbituric acid reactive substances
TR	thyroid hormone receptor
TRE	thyroid hormone-responsive element
UNEP	United Nations Environment Programme