

Appendix B. Abbreviations and Acronyms

These are some of the more commonly-used abbreviations and acronyms that will be encountered by participants in Sustainable Futures and those that use the P2 Framework models and methods. Many more are available on the Agency's web site at <http://www.epa.gov/OCEPAterms/>.

ACR - Acute-to-Chronic Ratio

AOPWin - Atmospheric Oxidation Program for Microsoft Windows

AsF - Assessment Factors

ASTM - American Society for Testing and Materials

BAF - Bioaccumulation Factor

BCF - Bioconcentration Factor

BioWin - Biodegradation Probability Program for Windows

BMC - Benchmark Concentration

BMD - Benchmark Dose

BMR - Benchmark Dose-Response

BP - Boiling Point

CAS - Chemical Abstracts Service Registry

CAS RN - Chemical Abstracts Service Registry Number

CC - Concern Concentration

CoC - Concentration of Concern

CEB - Chemical Engineering Branch

CFR - Code of Federal Regulations

ChemSTEER - Chemical Screening Tool For Exposures & Environmental Releases

ChI - Indicator of Chronicity

ChV - Chronic Toxicity Value

CRSS - Chemical Review and Search Strategy

DNA - Deoxyribonucleic Acid

DOC - Dissolved Organic Carbons

EAB - Exposure Assessment Branch

EBR - Exposure-Based Review

EC - Effective Concentration

ECOSAR - Ecological Structure Activity Relationships

E-FAST - Exposure, Fate Assessment Screening Tool

EPA - Environmental Protection Agency

EXAMS II - Exposure Analysis Modeling System II

FR - Federal Register

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GAGE - Stream Gaging Inventory
GEM - Genetically Engineered Microorganism
GEMS - Geographical Exposure Modeling System
GIS - Geographical Information System
HMW - High Molecular Weight
HPV - High Production Volume
IFD - Industrial Facilities Discharge
ISCLT - Industrial Source Complex Long Term
KOC - Sediment Adsorption Coefficient
KOW - Octanol/water Partitioning Coefficient
LC50 - Median Lethal Concentration
LD50 - Median Lethal Dose
LED10 - The Lower 95% Confidence Limit on a Dose Associated with 10% Extra Risk
LOAEL - Lowest-Observed-Adverse-Effect Level
LOEC - Lowest Observable Effect Concentration
LoREX - - Low Releases and Low Exposures
LVE - Low Volume Exemption
MATC - Maximum Acceptable Toxic Concentration
MCAN - Microbial Commercial Activity Notice
MCCEM - Multi Chamber Concentration And Exposure Model
mg/L - Milligrams per Liter
MOE - Margin of Exposure
MP - Melting Point
MSDS - Material Safety Data Sheet
MW - Molecular Weight
NCEL - New Chemical Exposure Limit
NCP - New Chemicals Program
NCRP - New Chemical Review Process
NEC - No-Effect-Concentration
NOC - Notice of Commencement
NRC - National Research Council
NIOSH - National Institute of Occupational Safety and Health
NOAEL - No-Observed-Adverse-Effect Level
NOC - Notice of Commencement
NOEC - No Observable Effect Concentration
NPDES - National Pollution Discharge Elimination System
OCSP - Office of Chemical Safety and Pollution Prevention (Formerly OPPTS)

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OECD - Organization for Economic Cooperation and Development
OPPT - Office of Pollution Prevention and Toxics
OPPTS - Office of Prevention, Pesticides, and Toxic Substances - (Renamed OCSP in April 2010)
OSHA - Occupational Safety and Health Administration
PBT - Persistent, Bioaccumulative, and Toxic
PCBs - Polychlorinated Biphenyls
PDM - Probability Dilution Model
PEC - Predicted Environmental Concentration
PEL - Permissible Exposure Limit
PMN - Premanufacture Notice
PNEC - Predicted No-Effect Concentration
POTW - Publicly Owned Treatment Works
ppb - Parts Per Billion
PPE - Personal Protective Equipment
ppm - Parts Per Million
PSF - Percentile Stream Flow Method
PV - Production Volume
QSAR - Quantitative Structure Activity Relationships
R&D - Research and Development
RfC - Reference Concentrations
RfD - Reference Dose
S - Water Solubility
SANDRA - - Structure and Reference Analyzer
SAR - Structure Activity Relationship
SAT - Structure Activity Team
SIC - Standard Industry Classification
SIDS - Screening Information Data Set
SMILES - - Simplified Molecular Input Line Entry System
SNUN - Significant New Use Notice
SNUR - Significant New Use Rule
SRC - Syracuse Research Corporation
SRD - Source Ranking Database
STP - Sewage Treatment Plant
TERA - TSCA Experimental Release Application
TME - Test-Marketing Exemption
TRI - Toxic Release Inventory
TOC - Total Organic Carbon

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TSCA - Toxic Substance Control Act

UCSS - Use Clusters Scoring System

UF - Uncertainty Factor

VP - Vapor Pressure

WPEM - Wall Paint Exposure Assessment Model

WS - Water Solubility

WSOL - Water Solubility