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Acronyms List – 2024

µg	Microgram
µg/kg bw	Microgram Per Kilogram Body Weight
µm	Micron
µM	Micromolar
3Cs	Chemicals (Management), Climate, Circularity
3EMI	Eurometaux Energy and Emissions Monitoring Initiative
3Rs	Replacement, Reduction and Refinement
3Ts	Tin, Tantalum, Tungsten
6EAP	6 th Environmental Action Plan
7EAP	7 th Environmental Action Plan

A	
AA	Authorisation Application
AA	Annual Average
AAF	Ammonia, Acid & Fertilizers
AAS	Artificial Aggregates/Slags
AAQD	Ambient Air Quality Directive
A&R	Authorisation and Restriction
AC	Activity Class
AC	Article Category
ACC	American Chemistry Council



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ACD	Allergic Contact Dermatitis
ACE	Advanced Chemical Etching
ACROSS	ECHA Integrated Substance Screening Tool
ACEA	Association of European Car Manufacturers
ACGIH	American Conference of Governmental Industrial Hygienists
ACSH	Advisory Committee on Safety and Health at workplace
ACVT	Advisory Committee on Vocational Training
AD	Authorisation Date
A&D	Aerospace & Defence
ADCA	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))
ADCR	Aerospace & Defence Chromates Reauthorisation
ADD	Average Daily Dose
ADI	Average Daily Intake
ADP	Abiotic Depletion Principle
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
AE	Assessment Elements
AEL	Associated Emission Level
AELV	Associated Emission Limit Value
AEPL	Associated Environmental Performance Level
AF	Assessment Factor
AfA	Application for Authorisation
AFA	Association Française de l'Aluminium
AlCl ₂	Dichloroaluminium



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ALARAP	As Low As Reasonably Practicable
AM (loading)	Alveolar Macrophage
AM	Advanced Materials
AMEC	AMEC Foster Wheeler
AMR	Anti-Microbial Resistance
ANOVA	Analysis of Variance
ANPR	Advance Notice of Proposed Rulemaking
ANSES	French agency for food, environmental and occupational health safety
AoA	Assessment of Alternatives (REACH)
AoC	Areas of Concern
AOP	Adverse Outcomes Pathways
AP	Action Plan
APC	Air Pollution Control
APCRA	Accelerating the Pace of Chemical Risk Assessment
APEAL	Association of European Producers for Steel for Packaging
APEC	Asia-Pacific Economic Cooperation
APEC CD	Asia-Pacific Economic Cooperation Chemicals Dialogue
APELL	Awareness and Preparedness for Emergencies at a Local Level (UN Programme)
APF	Assigned Protection Factor (occupational exposure)
APME	Association of Plastic Manufacturers in Europe
APPE	Association of Petrochemicals in Europe
AQGs	Air Quality Guidelines
ARCHE	Assessing Risk of Chemicals



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ARGs	Antimicrobial Resistance Genes
ARN	Assessment of Regulatory Needs
ART	Advanced REACH Tool
ASM	Artisanal & Small Scale Mining
ASD	Aerospace and Defence: Industries Association of Europe
ASEAN	Association of Southeast Asian Nations
ASME	American Society of Mechanical Engineering
As ₂ O ₃	Arsenic trioxide
ASR	Automotive Shredder Residue
ASSURRE	Association for the Sustainable Use and Recovery of Resources in Europe
ASTM International	American Society for Testing of Materials
ATO	Antimony Tin Oxide
ATP	Adaptation to Technical Progress
ATSDR	Agency for Toxic Substances and Disease Registry
AVS-SEM	Acid Volatile Sulphide (Bioavailability of Ni in sediments) - model
AWD	Asbestos at Work Directive
AWG	Administrative Working Group
AWQC	Ambient Water Quality Criteria



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B	
B2B	Business to Business
B2C	Business to Customer
BAF	Bioaccumulation Factor
BAL	BronchoAlveolar Lavage
BAN	Basel Action Network
BANANA	Build Absolutely Nothing Anywhere Near Anything
BaU	Business as Usual
BASD	Business Action for Sustainable Development
BAT	Best Available Technique (see IPPC Directive)
BAT-AEL	BAT-Associated Emission Level
BAT-AELV	BAT-Associated Emission Level Value
BAT-AEPL	BAT-Associated Environmental Performance Level
² BATC	BAT Conclusions
BATNEEC	Best Available Technique Not Entailing Excessive Costs
BAuA	Federal Institute for Occupational Safety and Health (Germany)
BCF	Bioconcentration Factor (lab derived and accounts for uptake of water only)
BD	Background Document
BDI	Bundesverband der Deutschen Industrie
BEAL	Biological Exposure Action Level
BEI	Biological Exposure Indices
BET	Brunauer-Emmett-Teller (isotherm)
BfR	BundesInstitut für Risikobewertung



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BFRs	Brominated Flame Retardants
BG	Batch Galvanising
BGV	Biological Guidance Value
BIAC	Business and Industry Advisory Committee to the OECD
BIMBY	Better In My Back Yard
BioMet	'User friendly' software tool, based on Biotic Ligand Models, for calculating the bioavailability of copper, nickel and zinc in different freshwaters
BIR	Bureau of International Recycling
BIS	Business Impact Study
BIU	Broad Information on Uses (Authorisation Process)
BKTox	Beraterkreis Toxikologie (German toxicological consultants' group)
BLM	Biotic Ligand Model
BLV	Biological Limit Value
BMF	Biomagnification Factor
BMD	Bench Mark Dose
BNAT	Best Not yet Available Techniques
BoA	Board of Appeal
BoD	Burden of Disease
BOEL	Binding Occupational Exposure Limit
BOELV	Binding Occupational Exposure Limit Value
BOM	Bill of Material
BP	Biocide Products
BP	Background Paper
BPC	Biocidal Products Committee



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BPD	Biocidal Products Directive (98/8/EC)
BPR	Biocidal Products Regulation (EU 528/2012)
BRE	Building Research Establishment
BREF	Best available technology Reference document
BRP	Biocidal Products Regulation
BSAF	Biota Sediment Accumulation Factor
BSI	The National Standards Body of the UK
BSOH	Belgian Society for Occupational Hygiene
BTAG	Biological Technical Assistance Group
BtB	Business to Business
BtC	Business to Consumer
BusinessEurope	European Employers' Associations



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C	
C&DW	Construction and Demolition Waste
C&L	Classification and Labelling
CA	Competent Authority
CA	Concentration Addition
CAA	Clean Air Act (US)
CAD	Chemicals Agents at work Directive (EU)
CAFE	Clean Air for Europe (EU air quality policy)
CANMET	Canada Centre for Mineral and Energy Technology
CAPEX	Capital Expenditures
CARACAL	Competent Authorities on REACH and CLP Regulations
CARB	California Air Resources Board
CA-REACH	Competent Authority on REACH
CAS	Chemical Abstracts Service (REACH)
CAS RN	Chemical Abstracts Service Registry Number
CASAC	Clean Air Scientific Advisory Committee (US)
CASG	Competent Authorities Sub-Group (EC)
CAs Meeting	Competent Authorities Meeting
CAS Number	Chemical Abstracts Service Number
CAS RN	Chemical Abstracts Service Registry Number
CBA	Cost-Benefit Analysis
CBI	Confidential Business Information
CBI	Confederation of British Industries



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CC	Compliance Check
CCH	Compliance Check
CCS	Carbon Capture and Storage
CCS EII	Carbon Dioxide Capture and Storage European Industrial Initiative
CCAVs	Connected, clean and autonomous vehicles
C&D	Construction & Demolition
Cd	Cadmium
CDF	Cumulative Distribution Function
CDI	Cobalt Development Institute
CDR	Chemical Data Reporting
CdS	Cadmium Sulfide
CEA	Cost Effectiveness Analysis
CEAP	Circular Economy Action Plan
CEC	Cation Exchange Capacity
CEC	Commission for Environmental Cooperation (US)
CEEC's	Central and East European Countries
CEFIC	European Chemical Industry Council
C&L	Classification and Labelling
CEM	Continuous Emission Monitoring
CEMAS	CEFIC Exposure Management and Analysis System
CEN	Centre for European Standardization
CEPE	EU Council of the Paint, Printing, Ink & Artists Colours
CEPI	Confederation of European Paper Industry



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CEPMC	Council of European Producers of Materials for Construction
CEPS	Centre for European Policy Studies
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (US)
CES	Contributing Exposure Scenario
CEWEP	Confederation of European Waste-to-Energy Plants
CFD	Computational Fluid Dynamics
CfE	Call for Evidence
CFR	Code of Federal Regulations
CGE	Computable General Equilibrium
CHEMFED	Capacity Build-Up and Preparation of CEEC Chemical Industry Federations for the EU Enlargement
CHEMSEC	International Chemical Secretariat
CHEMTREC	Chemical Transportation Emergency Center (US)
CHESAR	Chemical Safety Assessment and Reporting Tool
CHIP	Chemical (Hazard Information and Packaging) Regulations (UK)
CHIP	Chemical Hazard Information Profile
CHP	Co-Generation of Heat and Power
CIA	Chemical Industry Association (UK)
CICAD	Concise International Chemical Assessment Documents
CII	Cross Industry Initiative
CIIT	Chemical Industry Institute of Toxicology
CiP	Chemicals in Products
CIS	Common Implementation Strategy
CKD	Chronic Kidney Disease



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C&L	Classification & Labelling
CL	Candidate List
CLEEN	Chemical Legislation European Enforcement Network
CLH	Harmonised Classification and Labelling process
CLP	Classification Labelling and Packaging Regulation (EU)
CLR	Candidate Lead Registrant
CLRTAP	Convention on Long-Range Transboundary Air Pollution
cm ²	Centimetre squared
CMD	Carcinogens and Mutagens Directive
CMR	Substances classified as Carcinogens, Mutagens or toxic to Reproduction
CMRD	Carcinogens, Mutagens & Reprotoxic Substances Directive
CMS	Chemicals Management System
CMWG	Chemicals Management Working Group
Co	Cobalt
CoCAM	Cooperative Chemicals Assessment Meeting
CoCAP	Cooperative Chemicals Assessment Programme
COB	Close of Business
COD	Co-Decision Procedure
COD	Chemical Oxygen Demand
CoE	Council of Europe
COLLA	Collaborative Approach (ECHA)
CoM	Council of Ministers (EC Member States)
COM	Commission



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CONCAWE	Oil companies' European association for environment, health and safety in refining and distribution
CONTAM Panel	Scientific Panel on Contaminants in the Food Chain
COPC	Contaminants of Potential Concern
CoR	Committee of the Regions
CoRAP	Community Action Rolling Plan
CoRC	Cobalt REACH Consortium
CORDIS	Community Research and Development Information Service
COREPER	Committee of Permanent Representatives in the EU
COSHH	Control of Substances Hazardous to Health (UK)
CoU	Conditions of Use
CP&H	Chemicals Policy and Health (Leadership Group of ICCA)
CPI	Consumer Price Index
CPIV	Standing Committee of the European Glass Industries
CPP	Chemical Product Process
CPP	Chemical Product Policy (OECD)
CPR	Chemical Policy Review (REACH)
CPSC	Consumer Product Safety Commission (US)
CPW	Chemicals Product Waste
CRA	Cumulative Risk Assessment
CRC	Chemical Referral Center (CHEMTREC)
CRC	Chemical Registration Center (China)
CRIRSCO	Committee for Mineral Reserves International Reporting Standards
CRM	Critical Raw Materials



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CR	Cold Rolling
CRO	Contract Research Organisation
CRT	Cathode Ray Tubes
CS	Contributing Scenario
CSA	Chemical Safety Assessment (REACH)
CSD	Commission on Sustainable Development (UN 1992)
CSO	Clean Soil Outlook
CSR	Chemical Safety Report (REACH)
CSRD	Corporate Sustainability Reporting Directive
CSS	Chemicals Strategy for Sustainability
CSSC	China State Shipbuilding Corporation
CSTEE	EC Scientific Committee for Toxicity, Ecotoxicity and the Environment (now known as SCHER)
CTAC	Chromium Trioxide Authorisation Consortium
CT	Clay Target
CTP	Coal Tar Pitch
CTP-HT	Coal Tar Pitch High Temperature
Cu	Copper
CWA	Clean Water Act
CWG	Coordination Working Group

D	
DA	Defined Approach
DALY	Disability-Adjusted Life Year



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DALY	HALY that measures Health Loss
DAT	Dermatology Advisory Team
DBMS	Database Management System
DBP	Dibutyl Phthalate
DCCs	Dossier Compliance Checks
DCG	Directors Contact Group on REACH
DCP	Dossier Compliance Platform (Cefic)
DD	Draft Decisions
DE	Dossier Evaluation
DEB	Dynamic Energy Budget
DecaBDE	Decabromodiphenyl ether
DEEE	Diesel Engine Exhaust Emissions
DEFRA	Department for Environment, Food and Rural Affairs (UK)
DEHP	Di(2-ethylhexyl) phthalate
D-EPA	Danish Environmental Protection Agency (Rapporteur for risk assessment of nickel)
DES	Data Entry Screen
DG	Directorates-Generals (within the EU Commission)
DG CLIMA	Directorate-General for Climate Action (within the EU Commission)
DG ENER	Directorate-General for Energy (within the EU Commission)
DG ENT	Directorate-General Enterprise (within the EU Commission)
DG ENTR	Directorate-General for Enterprise and Industry (within the EU Commission)
DG ENV	Directorate-General Environment (within the EU Commission)
DGM	Data Generation Mechanism



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DG MARKT	Directorate-General for Internal Market and Services (within the EU Commission)
DG SANCO	Directorate-General for Health and Consumers (within the EU Commission)
DG TREN	Directorate-General for Transport (within the EU Commission)
DHHS	Department of Health and Human Services (US)
DIHK	Association of German Chambers of Commerce and Industry
DIN	German national organisation for standardisation
DIP	Data Interpretation Procedures
Disulfiram	Tetraethylthiuram disulfide
Dithiocarb	Diethyldithiocarbamate
DIT	Developmental Immunotoxicity
DMEL	Derived Minimal Effect Level
DMF	Dimethylformamide
DMR	Duly Motivated Request
DNA	Deoxyribonucleic acid
DNEL	Derived No-Effect Level
DNSH	Do No Significant Harm
DNT	Developmental Neurotoxicity
DO	Dissolved Oxygen
DOA	Disodiumoctaborate anhydrate
DOC	Dissolved Organic Carbon
DOD	Department of Defence (US)
DOE	Department of Energy (US)
DOI	Department of the Interior (US)



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DOL	Department of Labor (US)
DOT	Disodiumoctaborate tetrahydrate
DOTE	Diocetyl tin bis(2-ethyhexyl mercaptoacetate)
DPD	Dangerous Preparations Directive (1999/45/EC)
DPP	Digital Product Password
DPSIR	Driving-Pressure-State-Impact-Response approach
DQA	Dossier Quality Assistant
DREGG	DNEL Dose Response Enthusiasts Group
DRF	Dose-Range Finding (study)
DSD	Dangerous Substances Directive (67/548/EC)
DSL	Domestic Substances List
DTI	Department of Trade and Industry (UK)
DTSC	Department of Toxic Substances Control (US)
DTU	Technical University of Denmark
DU	Downstream User
DUCC	Downstream Users of Chemicals Co-ordination
DUIN	Downstream User Import Notification
DWD	Drinking Water Directive



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E	
EA	Exposure Assessment
EA	European Aluminium Association
EACI	Executive Agency for Competitiveness and Innovation (EU)
EAF	Electric Arc Furnace
EAP	Environmental Action Programme
EASA	European Aviation Safety Agency
EASE	Estimation and Assessment of Substance Exposure (Model for workers exposure estimate)
EASIS	Endocrine Active Substances Information System
EAT	Endocrine Advocacy Team
EATF	Exposure Assessment Task Force (OECD)
EATS	Estrogen, Androgen, Thyroid and Steroidogenic
EBW	Exposure Based Waiving
EBITDA	Earnings Before Interest, Taxes, Depreciation and Amortization
EC	European Commission / Community
EC	Equal Concern (<i>as in "substances of equal concern"</i>)
EC number	European Commission number
ECx	Effective Concentration
EC50	Effect Concentration (50%)
ECB	European Chemicals Bureau
ECCA	European Coil Coating Association
ECEG	European Chemical Employers Group
ECETOC	European Centre for Ecotoxicology and Toxicology of Chemicals



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eCFR	Electronic Code of Federal Regulations
ECHA	European Chemicals Agency (REACH)
ECHA NMWG	ECHA Nanomaterials Working Group
eCHEMPortal	Global Portal to Information on Chemical Substances
ECI	European Copper Institute
ECI	European Citizens' Initiative (Commission)
ECJ	European Court of Justice
ECN	Existing Chemical Substance Nomination (Taiwan)
ECNES	Exchange Network on Exposure Scenarios
ECVAM	European Centre for the Validation of Alternative Testing Methods
ED	Endocrine Disruptor or Disruption
EDA	Effects-Directed Analysis
EDC	Endocrine Disrupting Chemicals
EDD	Group for a Europe of Democracies and Diversities (EP Party)
EDF	Electronic Discussion Forum (OECD)
EDG	Electronic Discussion Group
EDQM	European Directorate for the Quality of Medicines and Healthcare
EDSP	Endocrine Disruptor Screening Program
EDTA	Endocrine Disruptor Testing and Assessment Task Force (Cefic)
EDW	European Drinking Water
EEA	European Environment Agency
EEA	European Economic Area (EU + Iceland + Norway + Lichtenstein)
EEB	European Environmental Bureau (Environmental NGO)



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EEC	European Economic Community
EECCA	Eastern European, Caucasian and Central Asian Countries
EEE	Electrical & Electronic Equipment
EESC	European Economic and Social Committee
EF	Environmental Footprint
EF	Enforcement Forum
EFCA	EFCA: European Federation of Clean Air and Environmental Protection Associations
EFG	European Federation of Geologists
EFGP	European Federation of Green Parties
EFR	Europäischer Forschungsraum
EFS	Emissions from Storage
EFSA	European Food Safety Authority
EFTA	European Free Trade Association
EGR	Extractable Global Resources
Eh	Redox Potential
EHD	CEN Environmental Help Desk
EHP	Environmental Health Perspectives
EHS	Environment, Health and Safety
EHS	Environmentally Hazardous Substance
EIB	European Investment Bank
EIC	European Information Centre
EIF	European Investment Fund
EiF	Entry into Force



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EIG	Employers Interest Group
EII	Energy Intensive Industries
EIMAC	European Industry Metals and Alloys Classification Group
EIMAG	European Industry Metallic Alloys Group
EINECS	European Inventory of Existing Commercial chemical Substances
EiO	Entry Into Operation
EIONET	European Environment Information and Observation Network
EIP on RM	European Innovation Partnership on Raw Materials
EIPPCB	European Integrated Pollution Prevention & Control Bureau
EIR	Environmental Implementation Review
EIS	Environmental Impact Statement
EKAs	Exposure equivalents for carcinogenic materials
ELDR	Group of the European Liberal Democrat Reform Party (EP Party)
ELINCS	European List of Notified Chemical Substances
ELNI	Environmental Law Network International
ELoC	Equivalent Level of Concern
ELV	Emission Limit Values
ELV	End-of-life Vehicles Directive (2000/53/EC)
EM	Eurometaux
EM	Environment Management
EMA	European Medicines Agency
EMAS	Eco Management and Audit Scheme
EMD	Electricity Market Design



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EMEP	European Monitoring and Evaluation Program (Monitoring and Evaluation of the Long-Range Transmission of Air pollutants in Europe)
EMKG	Einfaches Massnahmenkonzept für Gefahrstoffe
EMPL	Employment and Social Affairs Committee (EP)
EMS	Evaluating Member States
EMS	Environmental Management Systems
EMSG	Endocrine Modulators Steering Group (Cefic R&I)
EN	EuroNorm – European Standard
ENES	Exchange Network on Exposure Scenarios
ENGO	Environmental Non-Governmental Organisation
ENM	Engineered Nano Materials
ENOLL	European Network for Living Labs
ENVI	Environment, Public Health and Food safety Committee (EP)
ENZA	Alliance of 17 associations advocating for cross-sectoral and cross-vectoral climate neutrality solutions
EOGRTS	Extended One-Generation Reproductive Toxicity Study
EoL	End of Life
EoP	End of Pipe
EOT	Effective Operating Time
EoW	End of Waste
EP	European Parliament
EP	Equilibrium Partitioning
EPA	Environmental Protection Agency (US)
EPAA	European Partnership on Alternative Approaches to Animal Testing



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EPC	European Policy Centre
EPCRA	Emergency Planning and Community Right-to-Know Act (US)
EPD	Environmental Product Declaration
EPER	European Pollutant Emissions Register
EPG	Enterprise Policy Group
EPL	Environment Protection Licenses
EPMA	European Powder Metallurgy Association
EPMF	European Precious Metals Federation
EPP	European People Party
EPR	Extended Producer Responsibility
E-PRTR	European Pollutants Release and Transfer Register
EQAS	External Quality Assessment Schemes
EQC	Environmental Quality Criteria
EqP	Equilibrium Partitioning
EQS	Environmental Quality Standards
ERA	European Research Area
ERA	Ecological Risk Assessment
ERC	Environmental Release Category
ERE	Ecologically Relevant Endpoint
ERF	Exposure-Response Function
ERF	European Risk Forum
ERM	Environmental Resources Management (http://ermuk.com)
ErP	Energy related Products



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ERP	Enterprise Resource Planning
ERR	Exposure-Risk Relationship
ERV	Ecotoxicity Reference Value
eSDS	Extended Safety Data Sheets
ES	Exposure Scenarios (REACH)
ESCOM	Standard phrases for communication
EsCOM	Exposure Scenario Committee
ESComXML	Exposure Scenario for Communication XML standard
eSDS	extended Safety Data Sheet (REACH)
ESEG	Enlarged Soil Expert Group
ESF	European Social Fund
ESG	Environmental Social & Governance
ESHRs	Essential Health and Safety Requirements
ESIS	Existing Substances Information System
ESM	Environmentally Sound Management
ESP	Electrostatic Precipitator
ESPG	Group of Experts on Enterprise and SME Policies
ESPR	Ecodesign for Sustainable Products Regulation
ESR	Existing Substances Regulation (old RA system - EU)
ESR	Endpoint Study Records
ESS	Endpoint Study Summaries
ETAP	Environment Toxicity Advisory Panel (Industry sponsored science panel)
ETAP	Environmental Technologies Action Plan (Commission Proposal COM(2002)122)



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ETC-ICM	European Topic Centre on Inland, Coastal and Marine waters
ETEAM	Evaluation of the Tier 1 Exposure Assessment Models
ETM	Earliest Time to Mainstream
ETS	Emissions Trading System
ETUI	European Trade Union Institute
ETV	Environmental Technology Verification
EU	European Union
EUC	Essential Use Concept
EUCLEF	European Chemicals Legislation Finder (Tool)
EuE	End Use Equipment
EUEB	European Union Ecolabelling Board
EULA	European Lime Association
EUON	European Observatory for Nanomaterials
EU-OSHA	European Agency for Safety and Health at Work
EuP	Energy Using Products Directive
EuPCS	European Product Categorisation System
EuPhraC	European Phrase Catalogue
EUPL	European Positive List
EURACOAL	European Association for Coal and Lignite
EURL ECVAM	European Union Reference Laboratory for Alternatives to Animal Testing
EUROMETREC	European Metal Trade and Recycling Federation
EUSES	European Union System for the Evaluation of Substances
EV	Electric Vehicle



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EWL	European Waste List from the European Waste Framework Directive
EXICHEM	Existing Chemicals Database (OECD)
Ext-SDS	Extended Safety Data Sheets



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F	
FAIR (data)	Findability, Accessibility, Interoperability, Reusability
FAO	Food and Agriculture Organization of the United Nations
FAQ	Frequently Asked Question
FDM BREF	Food, Drink & Milk BREF
FEAD	European Federation of Waste Management and Environmental Services
FECC	European Association of Chemical Distributors
FEDEM	French Federation of Minerals, Industrial Minerals and Nonferrous Metals
FEPA	Federation of European Producers of Abrasives products
FEV1.0	Forced expiratory volume in one second
FFA	French Steel Federation
FFF	Fire Fighting Foams
FGC	Flue-gas cleaning
FIEC	European Construction Industry Federation
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act (US)
FIR	International Federation of Recycling
FIR	Food Ingestion Rate
FMM	Fédération des Minerais, Minéraux Industriels et Métaux non-ferreux (French Metals Federation)
FMM	Federation of Ores, Industrial Minerals and non-ferrous Metals
FMP BREF	Ferrous Metals Processing BREF
FMR	Field Metabolic Rate
FOC	Fraction Organic Carbon
FOREX	Foreign Exchange Market



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FP6	6 th Framework Programme
FTE	Full Time Employment
FTE	Forschung und Technologische Entwicklung
FVC	Forced Vital Capacity
FW	Fresh Water
FY	Fiscal Year



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G	
g	Gram
GA	General Assembly
GAARN	Group Assessing Already Registered Nanomaterials
GaAS	Gallium Arsenide
GAC	General Administration of Customs
GAINS	Greenhouse Gas and Air Pollution Interactions and Synergies (model)
GBA	Global Battery Alliance
gBAMs	generalised Bioavailability Models
GBS	Granular Biopersistent Dust
GC	General Court
GCL	Generic Concentration Limit
GD	Guidance Document
GDP	Gross Domestic Product
GEE	Generalised Estimation Equation
GEF	Global Environment Facility
GEHS	Group on Environment and Health Sciences of Metals (Eurometaux)
GER	Global Emerging Regulations
GES	Generic Exposure Scenario
GESTIS	International limit values for chemical agents Occupational Exposure Limits (OELs)
GHG	GreenHouse Gas
GHS	Global Harmonised System of classification and labelling of chemicals
GIFAS	Group of French Aerospace Industries



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GIG	Governmental Interest Group
GIGO	Garbage In Garbage Out
GLP	Good Laboratory Practice
GLAD tool	Global Life Cycle Analysis Data Access (UNEP)
GM	Geometric Mean
GMI	Global Mining Initiative
GNP	Gross National Product
GPP	Green Public Procurement
GPS	Global Product Strategy (ICCA)
GQS	Global Quality Service
GRA	Generic Approach to Risk Management
GRACIOUS (Project)	Grouping, Read-Across and Classification framework for regulatory risk assessment of manufactured nanomaterials and Safer design of nano-enabled products
GRCB	Global Regulation and Capacity Building
GRI	Global Reporting Initiative
GRIP	Group on REACH Implementation Problems
GRULAC	Latin American and Caribbean Group
GSD	Geometric Standard Deviation
GSP	Generalised Scheme of Preferences
GTAP	Global Trade Analysis Project
GUE/NGL	European United Left / Nordic Green Left (EP Party)
GV	Guideline Value
GVA	Gross Value Added



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H	
HALY	Health Adjusted Life Years
HAP	Hazardous Air Pollutant
HATF	Hazard Assessment Task Force (OECD)
HAZBREF	Hazardous industrial chemicals in the IED BREFs
HBCDD	Hexabromocyclododecane
HBM	Human Biomonitoring
HC5	Hazard Concentration 5th percentile (showing no effects to 95% of species)
HCD	Historical Control Data
HCF	Helsinki Chemical Forum
HCL	Harmonised Classification and Labelling
HDC	Hot Dip Coating
HEA	High Entropy Alloys
HEAL	Health and Environment Alliance
HEC	Human Equivalent Concentration
HEDSET	Harmonised Electronic Data-set
Help Net	Network of national helpdesks on REACH and CLP (ECHA Committee)
HEPA	High Efficiency Particulate Air
HERA	Human and Environmental Risk Assessments (on ingredients of household cleaning products)
HeRAG	Health Risk Assessment Guidance for metals
HETAP	Human Health Toxicity Technical Advisory Panel
HH	Human Health
HI	Hazard Index



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HLG	High Level Group
HMP	Hazardous Medicinal Products
HNS	Hazardous and Noxious Substances
HP	Hazardous Properties
HPVCs	High Production Volume Chemicals
HR	Hot-Rolling (Mill Process)
HS	Harmonised System
HSC	Health and Safety Commission
HSE	Health and Safety Executive
HW	Hardware
HWIs	Hazardous Waste Incinerators



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I	
i2a	International Antimony Association
IA	Impact Assessment
IA	Independent Action
IARC	International Agency for Research on Cancer
IAS	Invasive Alien Species
IATA	Integrated Approaches to Testing and Assessment
IBM	Individual Based Models
IC50	Inhibition of Growth Concentration (50%)
ICAPO	International Council for Animal Protection in OECD Programmes
ICCA	International Council on Chemical Associations
ICCS	International Conference of Chemical Safety
ICDA	International Chromium Development Association
ICHMET	International Conference on Heavy Metals in the Environments
ICM	International Chemicals Management (Department of Cefic)
ICMM	International Council on Mining and Metals
ICNCM	International Committee on Nickel Carcinogenesis in Man
ICP	International Co-operation Programme
ICSC	International Chemical Safety Cards
ICSG	International Copper Study Group
ICT	Information and Communication Technology
ID	Identification
IEA	International Energy Agency



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IECSC	Inventory of Existing Chemical Substances in China
IED	Industrial Emissions Directive
IEEG	Industrial Emissions Expert Group
IEF	Information Exchange Forum
IEP	Industrial Emissions Portal (ex European Pollutant Release and Transfer Register website (E-PRTR))
IEW	Industrial Electrical Waste
IFCS	Intergovernmental Forum on Chemicals Safety
iFEDT	integrated Fish Endocrine Disruptor Test
IGO	Inter-Governmental Organisation
IGS	Information Gathering and Sharing (Task Group of ICCA)
IH	Industry Hygiene
IHCP	Institute for Health and Consumer Protection
IIA	Inception Impact Assessment
IIASA	International Institute for Applied Systems Analysis
IISI	International Iron and Steel Institute
ILA	International Lead Association
ILCD	International Reference Life Cycle Data System
ILO	International Labour Organization
ILZRO	International Lead Zinc Research Organization
ILZSG	International Lead and Zinc Study Group
IMA-Europe	Industrial Minerals Association – Europe
IMA-NA	Industrial Minerals Association – North America
IMA	Advanced Intermetallic Alloys



January 2024

IMAP	Inventory Multi-tiered Assessment and Prioritization
IMCO	Internal Market and Consumer Protection Committee (EP)
IMDG	International Maritime Dangerous Goods Code
IMDS	International Material Data System
IMMG	Integrated Materials Management Group
IMnl	International Manganese Institute
IMO	International Maritime Organisation
IMoA/ITIA	International Molybdenum/Tungsten Association
IMPEL	EU Network for the Implementation and Enforcement of Environmental Law
IMSBC	International Maritime Solid Bulk Cargoes Code
INC5	Fifth Session of the Intergovernmental Negotiating Committee on Mercury
INCITE	Innovation Centre for Industrial Transformation Emissions
INERIS	Institut National de l'Environnement Industriel et des Risques
INEW	Industrial Non-Electrical Waste
INMAP	Integrated Nutrient Management Action Plan
INRS	The French "Institut National de Recherche et de Sécurité"
INSG	International Nickel Study Group
INTA	International Trade Committee (EP)
IOELV	Indicative Occupational Exposure Limit Values
IOM	Institute of Occupational Medicine
IOMC	International Organization for the safe Management of Chemicals
IP	Intellectual Property
IPA	International Platinum group metals Association



January 2024

IPCC	International Panel on Climate Change
IPCEI	Important Projects of Common European Interest
IPCHEM	Information Platform on Chemical Monitoring
I-PCS	Inorganic-Priority Contributing Substances
IPCS	International Programme on Chemical Safety
IPG	Industrial Pollution Group
IPP	Integrated Product Policy (Commission Proposal COM(2003)302)
IPPC	Integrated Pollution Prevention and Control (Directive 96/61/EC)
IPPCB	Integrated Pollution Prevention and Control Bureau
IPTS	Institute for Prospective Technological Studies of the EC's Joint Research Centre (JRC)
IRA	Inflation Reduction Act (US)
IRC	Innovation Relay centres
IRIS	Integrated Risk Information System (US)
I-RMOa	Industry-Risk Management Option analysis
IRPTC	International Register of Potentially Toxic Chemicals (under UN Auspices)
IRS	Integrated Regulatory Strategy
ISAG	Information System for Waste and Recycling
ISB	Industry Sector Board
ISC	Inter Service Consultation
ISO	International Standardisation Organization
ISRI	Institute of the Scrap Recycling Industries
ISSF	International Stainless Steel Federation
IT	Information Technology



January 2024

ITEQ	International Toxicity Equivalent
ITIA	International Tungsten Industry Association
ITRE	Industry, Research and Energy Committee (EP)
ITRI	International Tin Research Institute
IUCLID	International Uniform Chemicals Information Database
IUPAC	International Union of Pure and Applied Chemistry
iUVCB	Inorganic Unknown or Variable Composition, Complex Reaction Products and Biological Materials
IVBA	In Vitro BioAccessibility
IVU	Integrated Pollution Prevention and Control (Germany)
IVVU	Integrierte Vermeidung und Verminderung von Umweltverschmutzung (=IPPC)
IWCC	International Wrought Copper Council
IZA	International Zinc Association



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J	
JAM	Joint Association Meeting
JBCE	Japan Business Council in Europe
JCIA	Japan Chemical Industry Association
JD	Justification Document
JECFA	Joint Expert Committee on Food Additives (UN)
JPA	Joint Programme of Activities
JRC	Joint Research Centre
JS	Joint Submission
JSO	Joint Submission Object

K	
Ka	Equilibrium Association Constant
Kd	Equilibrium Dissociation Constant
KC	Key Characteristics
KE	Key Event
KEI	Key Environmental Issues
KER	Key Event Relationship
KFM	Kyoto Flexible Mechanism
kg	Kilogram
Klif	Norwegian Climate and Pollution Agency
KMU	Kleine und Mittlere Unternehmen



January 2024

KoM	Kick-off-Meeting
KPI	Key Performance Indicators
K-REACH	Korea-REACH
KTH	Royal Institute of Technology, Sweden
KTR	Korean Testing & Research Institute
KWK	Kraft-Wärme-Kopplung



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L	
L	Litre
LAD	Latest Application Date
LADD	Lifetime Average Daily Dose
LAGDA	Larval Amphibian Growth and Development Assay
LBS	Low Binding Substrate
LC ₅₀	Lethal Concentration (50%)
LCA	Life Cycle Analysis/Assessment
LCC	Life Cycle Costing
LCI	Life Cycle Inventory
LCIA	Life Cycle Impact Assessment
LCID	Lead Component IDentification
LCP	Large Combustion Plants
LCT	Life Cycle Thinking
LCT	Life Cycle Tree
LDAI	Lead Development Association International
LE	Legal Entity
LEO	Legal Entity Object
LEOX	Legal Entity Object XML
LEV	Local Exhaust Ventilation
LLNA	Local Lymph Node Assay
LME	London Metal Exchange
LoA	Letter of Access



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LOAEL	Lowest Observed Adverse Effect Level
LOD	Limit Of Detection
LOEC	Lowest Observed Effect Concentration
LOQ	Limit Of Quantification
LPVCs	Low Production Volume Chemicals
LR	Lead Registrant
LRI	Long-range Research Initiative
LRTAP	Long-Range Trans-boundary Air Pollution (Convention)
LSHA	Labour Safety and Health Act (Taiwan)
LTRAP	Long-range Transboundary Air Pollution
LtUs	License to Use agreements
LVIC	Large Volume Inorganic Chemicals
LVIC-AAF BREF	Large Volume Inorganic Chemicals Ammonia, Acid, Fertilizers BREF
LVIC-S BREF	Large Volume Inorganic Chemicals Solids and others BREF
LWP	Light Weight Packaging



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M	
M / I	Manufacturer / Importer
m ³	Meter cubed
MAC	Maximum Accepted Concentration
MAD	Mutual Acceptance of Data (OECD)
MAF	Mixture Assessment Factor / Mixture Allocation Factor
MAG	Metal Active Gas welding
MAK	Occupational Exposure Limits (in German)
MAN	Mutual Acceptance of Notification (as advised by OECD)
MARPOL	International Convention for the Prevention of Pollution from Ships (IMO)
MATC	Maximum Acceptable Toxicant Concentration
MAWP	Multi-Annual Working Plan (ECHA)
MB	Management Board
MBI	Market Best Instruments
MCA	Multi-Criteria Analysis
MCC	Manual Completeness Check
MCC	Metals Conference Centre
MCL	Mandatory Classification & Labelling
MCP	Medium Combustion Plant
MCS	Multi-Constituent Substances
MEASE	Occupational Exposure Assessment Tool for REACH
MEC	Measured Environmental Concentration
MeCLAS	Metals Classification Tool



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MEDDE	French Ministry of Ecology, Sustainable Development and Energy
MEED	Metals Environment Exposure Data programme
MEEuP	Methodology for the Ecodesign of Energy-Using Products
MEL	Maximum Exposure Limits
MEL	Ministry of Employment and Labour
MeOx	Metal Oxides
MEP	Ministry of Environmental Protection
MEP	Member of European Parliament
MEPC	Marine Environment Protection Committee (IMO)
MeRAG	Metals Environmental Risk Assessment Guide
METI	Ministry of Economy, Trade and Industry
MFF	Multiannual Financial Framework
mg	Milligram
MHC	Most Harmful Chemicals
MIE	Molecular Initiating Event
MIF	Mixture Interaction Factor
MIG	Metal Inert Gas welding
MIIT	Ministry of Industry and Information Technology
MIRO	Mineral Industry Research Organisation
MISA	Metals and Inorganics Sectoral Approach
MMAD	Mean Mass Aerial Diameter (particle size)
MMD	Multi-Metallic Database
MMMF	Man-Made Mineral Fibres



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MMSD	Mines, Minerals and Sustainable Development
MMVF	Man-Made Vitreous Fibres
MNF	Manufacturing
MnIG	Manganese Interest Group
MoA	Mode of Action (identical to TMoA)
MoC	More than one Constituent
MoD	Manual of Decisions
MoE	Ministry of Environment
MoL	Ministry of Labour
MoS	Margin of Safety
MOTE	2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate
MoU	Memorandum of Understanding
MPD	Minimum Package of Data
MPEA	Multi-Principal Element Alloy
MPPD	Multiple-Path Particle Dosimetry (modelling)
MPPG	Metals Product Policy Group (Eurometaux)
MQW	Mining and Quarrying Waste
MRL	Maximum Residue Level / Limit
MRL	Minimum Risk Level
MRO	Maintenance and Repair Operations.
MS	Member State
MSafe	Daily tonnage that can be used safely
MSC	Member State Committee (ECHA)



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MSCA	Member States Competent Authorities
MSDS	Material Safety Data Sheet
MSite	Daily tonnage
M-STP	Municipal Sewage Treatment Plant
MSW	Municipal Solid Waste
MSWI	Municipal Solid Waste Incinerator
MTD	Maximum Tolerated Dose
MTFR	Maximum Technically Feasible Reduction
MTWR BREF	Management of Tailings and Waste-rock in Mining Activities BREF
MWEI BREF	Management of Waste from Extractive Industries BREF
MvE	Men via the Environment
MYP	Multi-Year Planning
M/ZEOGRT	Medaka/Zebrafish Extended One-Generation Test



January 2024

N	
NA	National Associations
NAAQS	National Ambient Air Quality Standard (US)
NACE (code)	Nomenclature Statistique des Activités Économiques dans la CE Statistical classification of economic activities in the European Community
NAICS	North American Industry Classification System
NAMs	New Approach Methodologies
NAMC	North American Metals Council
NASF	National Association for Surface Finishing
NBLs	Natural Background Levels
NCD	New Chemicals Database
NCEA	National Centre for Environmental Assessment
NCN	New Substances Procedure – New Chemical Substance Notification (Taiwan)
NCP	New Chemicals Program (US)
NCP	National Contact Points (in the context of 6FP)
NCP	New Chemicals Policy (Commission Proposal (COM(2003)644))
NCP	National Contact Points (in the context of 6FP)
NCTM	National Coordinators for Testing Methods
NDSL	Non-Domestic Substances List (Canada)
NEA	National Enforcement Authorities
NEC	National Emission Ceiling
NECD	National Emission Ceiling Directive
NEL	No-Effect Level
NEN	Nano Expert Network (Cefic)



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NERAP	Nickel Environmental Research Advisory Panel
NeRSAP	Network of REACH Socio-Economic and Assessment of Alternative Practitioners
NES	New and Existing Substances
NESHAP	National Emission Standards for Hazardous Air Pollutants
NFA	Non-Ferrous Alliance (UK)
NFM	Non-ferrous metals (industry)
ng	Nanogram
NGO	Non-Governmental Organisation
N-GRA	Next-Generation Risk Assessment
NI	Nickel Institute
NICNAS	National Industrial Chemicals Notification and Assessment Scheme (Australia)
NiCs	Nickel REACH Consortia
NIER	National Institute of Environmental Research
NIMBY	Not In My Backyard
NIOSH	National Institute for Occupational Safety and Health
NiPERA	Nickel Producers' Environmental Research Association (part of Nickel Institute)
NiRAG	Nickel Risk Assessment Group
NITE	National Institute of Technology and Evaluation (Japan)
NLP	No-Longer Polymers
NM	Nanomaterials
NMP	1-Methyl-2pyrrolidone
NMWG	Nano-Materials Working Group
NOAEC	No Observed Adverse Effect Concentration



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NOAEL	No Observed Adverse Effect Level
NOC	Notice of Commencement
NOC	Normal Operating Conditions
NoE	Networks of Excellence
NOEC	No Observed Effect Concentration
NOEL	No Observable Effect Level
NOFAS	No One Fits All Solution (principle)
NOHSC	National Occupational Health and Safety Commission (Australia)
NOM	Natural Organic Material
NONS	Notification of New Substances Directive – Enforcement Project
NOS	Not Otherwise Specified
NPDES	National Pollutant Discharge Elimination System (US)
NPDWR	National Primary Drinking Water Rule (US)
NPRM	Notice of Proposed Rulemaking
NPT	Nano Project Team (Cefic)
NPV	Net Present Value
NRCan	Natural Resources Canada
NRC	National Research Council
NRCC	National Registration Centre for Chemicals (China)
NSB	National Standardisation Bodies
NSC	NanoSafetyCluster
NTP	National Toxicology Program



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O	
OBL	Occupational Biomonitoring Level
OC	Operational Conditions
OCC	Optimistic Concurrency Control
OCHA	UN Office for the Co-ordination of Humanitarian Affairs
OEA	Organisation of European Aluminium Refiners and Remelters
OECD	Organisation for Economic Co-operation and Development
OEDB	Occupational Exposure Database
OEF	Organisation Environmental Footprint
OEIL	European Parliament's Legislative Observatory
OEL	Occupational Exposure Limit
OELV	Occupational Exposure Limit Value
OEM	Original Equipment Manufacturer
OES	Occupational Exposure Standards
OFI	Opportunities for Improvement
OH	Occupational Health
OHPW	Occupational Health Performance Workshop
OHS	Occupational Health and Safety
OHT	OECD Harmonised Template
OIFR	Occupational Illness Frequency Rate
OJ	Official Journal of the European Union
OLP	Ordinary Legislative Procedure
OM	Organic Matter



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OMB	Office of Management and Budget (US)
OMS	Organic Metal Salts
OPC	Open Public Consultation
OPE	Octylphenol Ethoxylates
OPEX	Operating Expenditures
OPS	Open Pluggable Specification
OR	Only Representative
ORO	Organisation of Only Registrants
OSH	Occupational Safety Health
OSHA	Occupational Safety and Health Administration (US)
OSH Act	Occupational Safety and Health Act (US)
OSOA	One Substance, One Assessment
OSOR	One Substance, One Registration
OSPAR	Oslo and Paris Commission of the Convention for the protection of the marine environment of the North-East Atlantic
OTNOC	Other Than Normal Operating Conditions



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P	
PAC	Priority Assessments Chemicals (Japan)
PACE	Parliamentary Assembly of the Council of Europe
PACT	Public Activities Coordination Tool
PAH	Polycyclic aromatic hydrocarbons
PAIR	Preliminary Assessment Information Rule
PARC	Partnership for the Assessment of Risk from Chemicals
PARERE	Preliminary Assessment of Regulatory Relevance
PAYT	Pay as you throw
Pb	Lead
Pb-B	Lead in Blood
PBDE	Polybrominated Biphenylethers
PBPK	Physiologically-Based Pharmacokinetic
PBT	Persistent, Bio-accumulative and Toxic Chemicals
PC	Public Consultation
PC	Product Category
PCA	Principal Component Analysis
PCB	Polychlorinated Biphenyls
PCDD/F	Polychlorinated dibenzo-p-dioxin and polychlorinated dibenzofuran
PCR	Product Category Rules
PCT	Polychlorinated Terphenyls
PEC	Predicted Environmental Concentration
PEF	Product Environmental Footprint



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PEFCR	Product Environmental Footprint Category Rules
PEG	Partner Expert Group
PEL	Permissible Exposure Limits
PES	Party of European Socialists
PET	Polyethylene Ter-Phthalate
PETCO	Petroleum stream substances and coal stream substances
PfA	Proposal for Amendment
PFAS	Per- and polyfluoroalkyl Substances
PFOA	Perfluorooctanoic acid
PGMs	Platinum Group Metals: Ir, Os, Pd, Pt, Rh, Ru.
PHS	Priority Hazardous Substances
PIC	Prior Informed Consent Procedure
PICH	Prior Informed Choice
PID	Proportional Integral Derivative
PIT	Project of Interest Team
PM10	Particulate Matter Less than Ten Micrometers in Diameter
PMG	Project Management Group
PMN	Pre-Marketing Notification
PMR	Performance, Monitoring and Reporting (Task Group of ICCA)
PMT	Persistent, Mobile and Toxic
PNDT	Pre-Natal Development Test
PNEC	Predicted No-Effect Concentration
PoD	Point of Departure



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POP	Persistent Organic Pollutants
PoMs	Programme of Measures
PPE	Personal Protective Equipment
PPE-DE	Group of the European's People Party and European Democrats (EP Party)
PPM	Process and Production Methods
PPORD	Product and Process Oriented Research and Development (REACH)
PPP	Plant Production Products
PPP	Polluter Pays Principle
PPP	Public Private Partnership
PRC	People's Republic of China
PRELEX	European Commission's Database on interinstitutional procedures
PRN	Packaging Waste Recycling Note (UK)
PROCs	Process Codes/Categories
PRTR	Pollutants Release and Transfer Register
PS	Product Stewardship
PS	Priority Substances
PSD	Particle Size Distribution
PSE	Group of the Party of the European Socialists (EP Party)
PSIS	Pre-Submission Information Sessions (Authorisation Process)
PSLT	Poorly-Soluble Low Toxicity
PTBs	Persistent, Toxic and liable to Bioaccumulate
PU	Polyurethane
PV	Photovoltaic



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PVC	Polyvinyl Chloride
PWG	Polymers Working Group



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Q	
QA	Quality Assurance
QALY	Quality-Adjusted Life Year
QALY	HALY that measures life gain
QC	Quality Control
QICAR	Quantitative Ion Character Activity Relationships
QObL	Quality Observation Letter
QR	Quarterly Report
QRA	Quantitative Risk Assessment
QRA	Quantified Risk Analysis
QSAR	Quantitative Structure-Activity Relationship (models to predict toxicity)



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R	
R&D	Research and Development
R&I	Research and Innovation
RA	Risk Assessment
RAAF	Read-Across Assessment Framework
RAC	Risk Assessment Committee (ECHA)
RAF	Relative Absorption Factor (secondary poisoning)
RAINS	Regional Acidification Information and Simulation (model)
RAM	Risk Assessment Management Group
RAPEX	Rapid Exchange of Information System for non-food products (EU)
RAR	Risk Assessment Report
RBMP	River Basin Management Plan
RBSPs	River Basin Specific Pollutants
RC	Risk Characterisation
RC	Recycled Context
RCC	Regulatory Cooperation Council
RCF	Refractory Ceramic Fibres
RCGC	Responsible Care© Global Charter
RCOM	Response to Comments
RCR	Risk Characterisation Ratio
RCRA	Resource Conservation and Recovery Act (US)
RCS	Respirable Crystalline Silica
RDCP	REACH Dossier Compliance Platform (Cefic)



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R-DPSIR	R: current Responses D – Drivers: are we able to identify changes in drivers? At EU/MS specific P – Pressures S – State: monitoring I – Impact: to be assessed R – Novel range of Responses
RDT	Rapid Diagnostic Test
RE	Resource Efficiency
REACH	Registration, Evaluation, Authorisation and Restrictions of Chemicals
REACH IT	REACH Information Technology system
REE	Rare Earth Elements
REEG	Informal Group of MS exchanging on use & exposure aspects (under REACH)
REF	REACH-EN-FORCE projects
REFIT	Regulatory Fitness & Performance Programme (EU)
REIF	REACH Enters into Force
REN	REACH Experts Network (Cefic Group)
RES-RF	Restriction Task Force
RET	Rapid Environmental Transformation
RET	Releases Estimation Techniques
REV	Reference Exposure Value
RFP	Request for Proposal
R&I	Research and Innovation
RiCOG	Rigorous Containment Guide for Strictly Controlled Conditions
RiME	Risk Management Experts (REACH)
RIP	REACH Implementation Project
RIPE	REACH Information Portal for Enforcement



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RIVM	National Institute of Public Health and the Environment (The Netherlands)
RM	Risk Management
RM	Raw Materials
RMB	Renminbi (China)
RMC	Roasted Molybdenite Concentrate
RMM	Risk Management Measures
RMO	Risk Management Options
RMOa	Risk Management Option analysis
RMT	REACH Management Team (Cefic Group)
RoC	Report on Carcinogens (US)
RoHS	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (Directive 2002/96/EC)
RoI	Registry of Intentions
ROM	Reference Report on Monitoring
RoP	Rules of Procedure
ROS	Reactive Oxygen Species
RoW	Rest of the World
RDT	Repeated Dose Toxicity
RP	Rolling Plans
RP	Regulatory Preparedness
RPA	Risk and Policy Analysts Ltd.
RQ	Risk Quotient
RQ	Reportable Quantities
RPE	Respiratory Protective Equipment



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RR	Recycling Rate
RRS	Risk Reduction Strategy
RSB	Regulatory Scrutiny Board
RSPS-calls	REACH strategic Planning Support-calls
RSS	Robust Study Summary
RTD	Research and Technological Development
RTR	Risk and Technology Review
RWC	Reasonable Worst Case



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S	
SA	Slaughterhouses and Animal By-products (BREF)
SAA	Substitution and Alternatives Assessment
SAB	Science and Advisory Board (EPA)
SABE	CEN Strategic Advisory Board for the Environment
SA BREF	Slaughterhouses and Animal By-products BREF
SAE	Society of Automotive Engineering
SAGA	Suitable Alternatives Generically Available
SAGAME	Socio Economic Assessments for Chemicals Management
SAICM	Strategic Approach to International Chemicals Management
SAM	Scientific Advice Mechanism
SAP	Scientific Advisory Panel
SAT	System Acceptance Test
SAT-HH	SAT-HH: Self-Assessment Template for Human Health (endpoints)
SAWS	State Administration of Work Safety (China)
SBREFA	Small Business Regulatory Enforcement Fairness Act (US)
SC	Significant Contribution
SCALE	Science, Children, Awareness-raising, Legal implementation tools and regular Evaluation
SCBA	Self-Contained Breathing Apparatus
SC	Supply Chain
SCC	Strictly Controlled Conditions
SCCom	Supply Chain Communication Task Force
SCCP	Short-chain chlorinated paraffin



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SCCS	Scientific Committee on Consumer Safety (EU)
SCED	Specific Consumer Exposure Determinants
SCENIRH	Scientific Committee on Emerging and Newly Identified Health Risks (EU)
SCHER	Scientific Committee on Health and Environment (EU) (formerly CSTEE)
SCHEER	Scientific Committee on Health, Environmental and Emerging Risks
SCIP	Substances of Concern in articles as such or in complex objects (Products)
SCL	Specific Concentration Limit
SCOEL	Scientific Committee on Occupational Exposure Limits (EU)
SCP	Sustainable Consumption and Production
SCG	Strategic Coordination Group
SD	Sustainable Development
SDG	Sustainable Development Goals
SDI	Socio-Demographic Index
SDS	Safety Data Sheet
SDWA	Safe Drinking Water Act (US)
SE	Substance Evaluation
SEA	Socio-Economic Assessment
SEA	Socio-Economic Analysis
SEAC	Committee for Socio-economic Analysis (ECHA)
SE Benefits	Socio-Economic Benefits
SEG	Scientific Expert Group
SEG	Similar Exposure Group
SEM	Scanning Electron Microscopy



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SEM/AVS	Simultaneous Extractable Metal/Acid Volatile Sulphide
SENSE	Solid Enforcement of Substances in Europe
SER	Substance Evaluation Report
SES	Specific Exposure Scenario
SETAC	Society of Environmental Toxicology and Chemistry
SEv	Substance Evaluation
SF	Safety Factor
SF BREF	Smitheries and Foundries BREF
SFF	SIEF Formation Facilitator
SHE	Safety, Health and Environment
SHEQ	Safety, Health, Environment & Quality
SIA	Social-Impact Assessment
SIA	Substance In Article
SIAM	SIDS Initial Assessment Meeting (OECD for chemicals)
SIAP	SIDS Initial Assessment Profile (OECD for chemicals)
SIAR	SIDS Initial Assessment Report (OECD for chemicals)
SID	Substance Identification
SIDS	Screening Information Data Set (OECD for chemicals)
SIEF	Substance Information Exchange Forum (REACH)
SIMS	Substance Inventory Management System
SIM	Substances in Mixtures
SIN	United Nations Substance Identification Number (for transport purposes) Also UN Number
SIN (list)	Substitute It Now (list)



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SIP	Strategic Implementation Plan
SIP	Substance Identification Profile
SIP	Sustainable Industrial Policy
SIR	Standard Information Requirements
SIS	Substances in Substances
SL	Service Life
SLIC	Senior Labour Inspectorates Committee (EC)
SMA	Shape Memory Alloys
SMA	Strategic Materials Agenda
SMACH	Sufficient Similarity Approach
SMC	Sustainable Metals Concept
SME	Small or Medium size Enterprise
SMM	Sustainable Materials Management
SMR	Standardized Mortality Ratio
SNIF	Summary Notification Interchange Format
SNAc	Significant New Activity
SoC	Substances of Concern
SOG	Sustainable Operations Group
SOLAS	International Convention for the Safety of Life at Sea (IMO)
SONC	Statement of Non-Compliance
SOP	Standard Operating Procedure
SP	Secondary Poisoning
SP	Substitution Plan



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SPC BREF	Specific Chemical Processes BREF (only a proposal which is off)
SpERC	Specific Environmental Release Category
SPI	Sustainable Product Initiative
SPIRE	Sustainable Process Industry through Resource and Energy
SPORT	Strategic Partnership on REACH Testing
SPPI	Sustainable Product Policy Initiative
SPSF	Standard Project Submission Form
SPV	Soil Prevention Values
SRA	Strategic Research Agenda
SRM	Sustainable Resource Management
SRM WG	Sustainable Resource Management Working Group
SS	Sewage Sludge
SS	Suspended Solids
SSA	Specific Surface Area
SSbD	Safe & Sustainable by Design
SSD	Species-Sensitive Distribution (statistical technique to derive PNECs)
SSD	Safety Standards Division
SSIA	Safer And Sustainable Innovation Approach
SSG	Sustainability Strategy Group
SSL	Soil Screening Level
SSMC	Sparingly Soluble Metal Salts
SSPC	Society for Protective Coatings
ST	Steering Team



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STAF	Stock and Flows
STE	Spatial, Temporal and Extent of PNEC exceedances (monitoring-based prioritisation methodology)
STEL	Short-Term Exposure Limits
STEM	Science, Technology, Engineering, and Mathematics
STGA	Steering Group on Testing and Assessment (OECD)
STM BREF	Surface Treatment of Metals and Plastics BREF
STO	Stakeholder Observer
STOT	Specific Target Organ Toxicity (classification endpoint)
STOT-RE	Specific Target Organ Toxicity (classification endpoint) - Repeated
STP	Sewage Treatment Plant
STS	Smart Testing Strategy
STS BREF	Surface Treatment Using Organic Solvents BREF
SU	Sector of Use
SUR/FIN	Surface Finishing
SVC	Strategic Value Chains
SVHC	Substance of very High Concern (REACH)
SVOC	Semi-Volatile Organic Compound
SW	Software
SWAp	Sector-Wide Approach
SWD	Staff Working Document
SWED	Sector specific Worker Exposure Description
SWOT	Strengths Weaknesses Opportunities Threats Analysis
SZZ	Silver Zinc Zeolite



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T	
T/a	Tons per annum
T/Y	Tons per year
TA	Temporary Agent
TABD	Trans-Atlantic Business Dialogue
TAC	Technical Advisory Committee
TAIEX	Technical Assistance and Information Exchange Bureau
TA Luft	Technische Anleitung Luft
TBC	To Be Confirmed
TBD	To Be Determined
TBT Cttee	Technical Barriers to Trade Committee (WTO)
TC ClandL	Technical Committee for Classification and Labelling (EU)
TC NES	Technical Committee on New and Existing chemical Substances (EU)
TCA	EU-UK Trade and Cooperation Agreement
TCC	Technical Completeness Check
TCC	Targeted Compliance Check
TCCA	Toxic Chemical Control Act (Korea)
TCE	Technology Critical Elements
TCLP	Toxic Characteristic Leachate Procedure Test
TCM	Technology-Critical Metals
TDFAs	(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)silanetriol and any of its mono-, di- or tri-O-(alkyl) derivatives
TDI	Tolerable Daily Intake
TDMA	Titanium Dioxide Manufacturers Association



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T/DP-E	Transformation/Dissolution Protocol (to measure release metals)-Extension
TEA	Trade and Economic Affairs
TEC	Technical and Environmental Centre
TEC	Technical and Environmental Committee
TEM	Transmission Electron Microscopy
TEQ	Toxic Equivalent Quantity
TF	Task Force
TF	Technical Function
TFEA	Task Force on Exposure Assessment (OECD)
TFEU	Treaty on the Functioning of the European Union
TFHA	Task Force Hazard Assessment
TFIAM	Task Force on Integrated Assessment Modelling
TG	Task Group
TGD	Technical Guidance Document
TIE	Toxicity Identification Evaluation
TK	ToxicoKinetics
TLV	Threshold Limit Value
TLV-C	Ceiling Exposure Limit
TLV-STEL	Short Term Exposure Limit
TLV-TWA	Threshold limit value-time-weighted average
TM	Technical Meeting
TMF	Toxicity Modifying Factors
TNO	Nederlandse Organisatie voor Toegepast Natuurwetenschappelijk Onderzoek (Netherlands Organisation for Applied Scientific Research)



January 2024

TOC	Total Organic Carbon
TP	Testing Proposal
TPC	Technical Progress Committee
TPE	Testing Proposal Evaluations
TPR	Third Party Representative
TP-res	Transitional Period
TRA	Targeted Risk Assessment (tool)
TRAN Committee	European Parliament's Committee on Transport and Tourism
TRED	Total Regional Effluent Discharge
TRGS	Technical Rules for Hazardous Substances
TRI	Toxics Release Inventory
TRK	German Technical Guide Concentration
TRL	Technical Readiness Levels
TRV	Toxicity Reference Value
TSAP	Thematic Strategy on Air Pollution
TSCA	Toxic Substances Control Act (US)
TSP	Total Suspended Particles
TSS	Total Suspended Solids
TSS	Targeted Stakeholders Survey
TSW	Trans-frontier Shipment of Waste
TTC	Threshold of Toxicological Concern
TU	Toxic Unit
TVs	Threshold Values



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TVL	Threshold Limit Value
TVOC	Total Volatile Organic Compounds
TWA	Time Weighted Average
TWAEAC	Time-Weighted Average Exposure Concentration
TWAEVs	Time-Weighted Average Exposure Values
TWG	Technical Working Group
TWI	Tolerable Weekly Intake
TXT BREF	Textiles BREF



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U	
UA	Upstream Applications
UBA	Umweltbundesamt (German Federal Environmental Agency)
UD	Use Descriptor
UEN	Union for a Europe of Nations Group (EP Party)
UI/UX	User Interface/User Experience
UITS	Union of Surface Treatment Industries
UK	United Kingdom
UK-DEFRA	UK-Department for Environment Food & Rural Affairs
ULCOS	Ultra Low CO ₂ Steelmaking
ULP	Ultrafine Particles
UN	United Nations
UNCSD	United Nations Commission on Sustainable Development
UNCTAD	United Nations Conference on Trade and Development
UNECE	United Nations Economic Commission for Europe
UNEP	United Nations Environment Programme
UN-ESCAP	United Nations Environmental and Social Committee for Asian-Pacific Region
UNESDA	Union of European Soft Drink Association
UNFCCC	United Nations Framework Convention on Climate Change
UN-GHS	United Nations – Global Harmonised System
UNICE	Union of Industrial and Employers' Confederation of Europe (now BusinessEurope)
UNIDO	United Nations Industrial Development Organisation
UNITAR	The United Nations Institute for Training and Research



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UN Number	United Nations Substance Identification Number (for transport purposes) Also SIN
U-PFAS	Universal-PFAS
US	United States
US EPA	US Environmental Protection Agency
USCIB	United States Council for International Business
USEtox	Scientific consensus model endorsed by the UNEP/SETAC Life Cycle Initiative for characterising human and ecotoxicological impacts of chemicals
UUID	Electronic Identifier of Companies
UVC	Substances of poorly defined, complex or Variable Composition
UVCB	Unknown or Variable Composition, Complex Reaction Products and Biological Materials (as listed in EINECS)
UWM	Unit World Model
UWWTD	Urban Waste Water Treatment Directive



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V	
VAS	Vertebrate Animal Study
VCI	Verband der Chemischen Industrie e.V. (Germany)
VECAP	Voluntary Emissions Control Action Programme
VERTS/ALE	Group of the Greens / European Free Alliance (EP Party)
VET	Vocational Education Training
VITO	The Flemish Institute for Technological Research
VMG	Validation Management Group
VMP	Very Mobile Persistent
VOC	Volatile Organic Compound
VOI	Value Of Information
VOLY	Value of a Life Year
VP	Vapour Pressure
vPvB	very Persistent very Bioaccumulative chemicals
vPvM	very Persistent very Mobile
VRA	Voluntary Risk Assessment
vvp	very very Persistent
VSL	Value of a Statistical Life
VSSA	Volume-Specific Surface Area



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W	
W/W	Weight/Weight
WAF	Water Accommodated Fraction
WBCSD	World Business Council for Sustainable Development
WCC	World Chlorine Council
WD	Wore drawing
WDU	Wide Dispersive Use
WEEE	Waste from Electrical and Electronic Equipment (Directive 2002/96/EC)
WEF	World Economic Forum
WF	Work Flow
WFD	Water Framework Directive (Directive 2000/60/EC)
WG	Working Group
WGC BREF	Common Waste Gas Treatment in the chemical sector BREF
GWPR	Working Group on Waste Prevention and Recycling (OECD)
WHAM	Windermere Humic Aqueous Model
WHMIS	Workplace Hazardous Materials Information System
WHO	World Health Organization
WI BREF	Waste Incineration BREF
WICEM	World Industry Conference on Environmental Management
WIG	Workers Interest Group
WL	Watch List
WMT	Whole Mixture Testing
WNT	Working Group of the National Coordinators of the Test Guidelines Programme



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WoE	Weight of Evidence (Approach)
WP	Working Party
WP ACSH	Working Party of the Advisory Committee on Safety and Health at Workplace
WPC BREF	Wood Preservation with Chemicals BREF
WPMN	Working Party of Manufactured Nanomaterials (OECD)
WPN	Working Party of Nanomaterials (OECD)
WP RPW	Working Party on Resource Productivity and Waste (OECD)
WQG	Water Quality Guideline
WRI	World Resources Institute
WSH Institute	Workplace Safety and Health Institute (Singapore)
WSP	Water Safety Plans
WSR	Waste Shipment Regulation (EU)
WSSD	World Summit on Sustainable Development (Rio+10, Johannesburg 2002)
WSU	Wide Spread Use
Wt%	Weight Percent
WT BREF	Waste Treatment BREF
WTO	World Trade Organisation
WTP	Willingness To Pay
WVM	Wirtschaftsvereinigung Metalle (German Metals Federation)
W/W	Weight by Weight
WW	Waste Water
WWTP	Waste Water Treatment Plant



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X/Y/Z	
XML	Extended Mark-up Language
XRD	X-Ray powder Diffraction
YLD	Years Lost due to Disability
YLL	Years of Life Lost
ZDHC	Zero Discharge of Hazardous Chemicals
Zn	Zinc
ZPA	Zero Pollution Ambition
ZPAP	Zero Pollution Action Plan
ZPSP	Zero Pollution Stakeholder Platform

