

## Organic Peroxide Producers Safety Division (OPPSD) Frequently Used Acronyms in the Organic Peroxide Industry

### **A**

ACC – American Chemistry Council  
ACGIH – American Conference of Governmental Industrial Hygienists  
AEGLE – Acute Exposure Guideline Level (EPA)  
AFFF – Aqueous Film-Forming Foam  
AIChE – American Institute of Chemical Engineers  
AIHA – American Industrial Hygiene Association  
ANSI – American National Standards Institute  
AO – Active or Available Oxygen  
APC – American Plastics Council

### **B**

BAM – German Federal Institute for Materials and Testing

### **C**

CAA – Competent Authority Approval  
CAS – Chemical Abstract Services  
CASRN – Chemical Abstract Services Registry Number  
CBI – Confidential Business Information  
CCOHS – Canadian Centre for Occupational Health and Safety  
CEFIC – European Chemical Industry Council  
CEPA – Canadian Environmental Protection Act  
CFR – Code of Federal Regulations  
CHEMTREC – Chemical Transportation Emergency Center  
CMR – Carcinogenic Mutagenic, or Toxic to Reproduction  
CPIA – Canadian Plastics Industry Association  
CPSC – Consumer Product Safety Commission (US)  
CT – Control Temperature

## **D**

DECHMA – German Society for Chemical Apparatus, Chemical Engineering and Biotechnology  
DG – Director General  
DNEL – Derived No-Effect level  
DOT – Department of Transportation (US)  
DSL – Domestic Substance List (Canada)  
DU – Downstream User

## **E**

EC – Environment Canada  
EC – European Commission  
ECHA – European Chemicals Agency  
ECJ – European Court of Justice  
EDG – Electronic Discussion Board (OECD)  
EINECS – European Inventory of Existing Commercial Chemical Substances  
ELINCS – European List of Notified Chemical Substances  
EOPSM – European Organic Peroxides Safety Meeting  
EOPSG – European Organic Peroxide Safety Group  
EPA – Environmental Protection Agency (US)  
ET – Emergency Temperature  
EU – European Union

## **F**

FDA – Food and Drug Administration (US)  
FELS – Fish Early Life Stage

## **G**

GHS – Global Harmonization System  
g/kg – Grams per kilogram  
GLP – Good Laboratory Practices

## **H**

HAST – Heat Accumulation Storage Test  
HAZOPS – Hazard and Operability Study  
HC – Health Canada  
HCS – Hazard Communication Standard (USA)  
HEDSET – Harmonized Electronic Data Set  
HMIS – Hazardous Materials Identification System  
HMR – Hazardous Material Regulation (US DOT)

HPLC – High Pressure Liquid Chromatography  
HPV – High Production Volume (US EPA)  
HSE – Health and Safety Executive (United Kingdom)

## I

IARC – International Agency for Research on Cancer  
IATA – International Air Transport Association  
IBC – Intermediate Bulk Container  
ICAO – International Civil Aviation Organization  
ICC – International Chamber of Commerce  
ICCA – International Council of Chemical Associations  
IGUS – International Group of Experts on The Explosion Risks of Unstable Substances  
ILO – International Labor Organization  
IMDG – International Maritime Dangerous Goods  
IMO – International Maritime Organization  
ITC – Interagency Testing Committee (US EA)  
IUBMB – International Union of Biochemistry and Molecular Biology  
IUCLID – International Uniform Chemical Information Database  
IUPAC – International Union of Pure and Applied Chemistry

## J

JBCE – Japan Business Council in Europe  
JCIA – Japan Chemical Industry Association

## L

LC – 50 Median Lethal Concentration  
LCA – Life Cycle Assessment  
LD – 50 Median Lethal Dose  
LEL – Lower Explosive Limit of a flammable material  
LERC – Local Emergency Response Commission (USA)

## M

MAC – Maximum Acceptable Concentration  
MARAD – Maritime Administration (US DOT)  
MERAG – Metal Risk Assessment Guidance  
MOE – Margin of Exposure  
MOS – Margin of Safety

## **N**

NAFTA – North American Free Trade Agreement  
NAS – National Academy of Sciences (USA)  
NCI – National Cancer Institute (USA)  
NEL – No-Effect Level  
NIEHS – National Institute of Environmental Health Science  
NFPA – National Fire Protection Association  
NGO – Non Governmental Organization  
NIOSH – National Institute for Occupational Safety and Health  
NTP – National Toxicology Program

## **O**

ODP – Ozone Depletion Potential  
OECD – Organization for Economic Cooperation and Development  
OEL – Occupational Exposure Limit  
OP – Organic Peroxide  
OPPSD – Organic Peroxide Producers Safety Division  
OSHA – Occupational Safety and Health Administration (US)

## **P**

Pa – Pascal, a unit of pressure  
PBIT – Persistent, Bioaccumulative and Inherently Toxic  
PBT – Persistent, Bioaccumulative and Toxic  
PHMSA – Pipeline and Hazardous Materials Safety Administration  
ppb – Parts Per Billion  
ppm – Parts Per Million  
ppt – Parts Per Trillion  
PEL – Permissible Exposure Limit (OSHA)  
PLASTICS – Plastics Industry Association  
PNEC – Predicted No Effect Concentrations  
PPE – Personal Protective Equipment  
PRV – Pressure Relief Valve  
PSM – Process Safety Management

## **Q**

QA – Quality Assurance  
QC – Quality Control  
QSAR – Quantitative Structure – Activity Relationship

## R

RBT – Ready Biodegradability Test  
RC – Responsible Care  
RCRA – Resource, Conservation and Recovery Act (US)  
REACH – Registration, Evaluation and Authorization of Chemicals (Europe)  
REL – Recognized Exposure Limit (US NIOSH)  
RIP – REACH Implementation Project  
RHDT – Rapid Heat Decomposition Temperature  
RMM – Risk Management Measure  
RSS – Robust Study Summary  
RSPA – Research and Special Projects Administration (US DOT)

## S

SADT – Self Accelerating Decomposition Temperature  
SAR – Structure Activity Relationship  
SDS – Safety Data Sheet  
SEG – Stakeholder Expert Group  
SIAM – SIDS Initial Assessment Meeting (OECD)  
SIAP – SIDS Initial Assessment Profile (OECD)  
SIAR – SIDS Initial Assessment Report (OECD)  
SIDS – Screening Information Data Sets (OECD)  
SIEF – Substance Information Exchange Forum  
SVHC – Substances of Very High Concern

## T

TABD – Trans-Atlantic Business Dialogue  
T<sub>C</sub> – Control Temperature  
TC – Technical Committee or Transport Canada  
TDG – Transportation of Dangerous Goods  
T<sub>E</sub> – Emergency Temperature  
TGD – Technical Guidance Documents  
TRIPs – Trade Related Aspects of Intellectual Property Rights  
TSCA – Toxic Substance Control Act (US EPA)  
TLV – Threshold Limit Value (ACGIH)  
TNO – Netherlands Organization for Applied Scientific Research

## U

UBA – German Federal Environment Bureau  
UCC – Uniform Code Council  
UDS – Unscheduled DNA synthesis

UEL – Upper Explosive Limit  
UFL – Upper Flammable Limit  
UN – United Nations  
UNRTDG – UN Recommendations on the Transport of Dangerous Goods  
UVC – Unknown or Variable Composition

## **V**

VOC – Volatile Organic Compound  
vPvB – Very Persistent and very Bioaccumulative

## **W**

WEEL – Workplace Environment Exposure Limit (AIHA)  
WHO – World Health Organization  
WTO – World Trade Organization

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