

Frequently Used Acronyms in the Organic Peroxide Industry

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"A"

ACC	American Chemistry Council
ACGIH	American Conference of Governmental Industrial Hygienists
AEGL	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
APC	American Plastics Council

"B"

BAM	German Federal Institute for Materials and Testing
BPO	Benzoyl Peroxide

"C"

CAA	Competent Authority Approval
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CAS	Chemical Abstract Services
CASRN	Chemical Abstract Services Registry Number
CCFS	Committee to Coordinate Fire Safety at SPI
CEFIC	European Chemical Industry Council
CEPA	Canadian Environmental Protection Act
CFR	Code of Federal Regulations
Chemtrec	Chemical Transportation Emergency Center
CHP	Cumene Hydroperoxide
CMR	Carinogenic Mutagenic, or Toxic to Reproduction
CPIA	Canadian Plastics Industry Association
CPSC	Consumer Product Safety Commission (US)
"D"	German Society for Chemical Apparatus, Chemical Engineering and Biotechnology
DECHMA	
DEHPB	di(2-ethylhexyl) peroxydicarbonate

DG	Director General
DOT	Department of Transportation (US)
DTAP	di-t-Amyl Peroxide
DTBP	di-t-Butyl Peroxide
DSL	Domestic Substance List (Canada)
"E"	
EC	Environment Canada
EC	European Commission
EDG	Electronic Discussion Board (OECD)
EMRTC	Energetic Materials Research and Testing Center of New Mexico Tech
EPA	Environmental Protection Agency (US)
EU	European Union
"F"	

FDA	Food and Drug Administration (US)
"G"	
GHS	Global Harmonization System
g/kg	grams per kilogram
"H"	
HAZOPS	Hazard and Operability Study
HC	Health Canada
HCS	Hazard Communication Standard (USA)
HEDSET	Harmonised Electronic Data Set
HMIS	Hazardous Materials Identification System
HMR	Hazardous Material Regulation -- US DOT
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
IPP	diisopropyl peroxydicarbonate
IMO	International Maritime Organization
ISBP	di-sec-butyl peroxydicarbonate
ITC	Interagency Testing Committee (US EPA)
IUCLID	International Uniform Chemical Information Database

"J"

JBCE Japan Business Council in Europe

JCIA Japan Chemical Industry Association

"L"

LC₅₀ Median Lethal Concentration

LCA Life Cycle Assessment

LD₅₀ 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

MEKP Methyl Ethyl Ketone Peroxide

MOE Margin of Exposure

MOS Margin of Safety

MSDS	Material Safety Data Sheets
"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
OSHA	Occupational Safety and Health Administration
"P"	
Pa	Pascal: a unit of pressure
ppb	Parts Per Billion
ppm	Parts Per Million
ppt	Parts Per Trillion
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible Exposure Limit (OSHA)
PPE	Personal Protective Equipment
PRV	Pressure Relief Valve
"Q"	
QA	Quality Assurance

QC	Quality Control
"R"	
RBT	Ready Biodegradability Test
RC	Responsible Care
RCRA	Resource, Conservation and Recovery Act (USA)
REACH	Registration, Evaluation and Authorization of Chemicals (Europe)
RHDT	Rapid Heat Decomposition Temperature
RSPA	Research And Special Projects Administration (US DOT)
"S"	
SADT	Self Accelerating Decomposition temperature
SAR	Structure Activity Relationship
SDS	Safety Data Sheet
SIAM	SIDS Initial Assessment Meeting (OECD)
SIAP	SIDS Initial Assessment Profile (OECD)

SIAR	SIDS Initial Assessment Report (OECD)
SIDS	Screening Information Data Sets (OECD)
SPI	Society of the Plastics Industry, (The)
"T"	
TABD	Trans-Atlantic Business Dialogue
TAHP	t-Amyl hydroperoxide
TBHP	t-Butyl hydroperoxide
TC	Technical Committee
TDG	Transportation of Dangerous Goods
TGD	Technical Guidance Documents
TSCA	Toxic Substance Control Act (US EPA)
TLV	Threshold Limit Value (ACGIH)
TNO	Netherlands Organization for Applied Scientific Research

"J"

UBA German Federal Environment Bureau

UCC Uniform Code Council

UEL Upper Explosive Limit

UFL Upper Flammable Limit

UN United Nations

"W"

WEEL Workplace Environment Exposure Limit (AIHA)

WHO World Health Organization

"V"

VOC Volatile Organic Compound