

### **Citation List**

# Chapter 173-334 Washington Administrative Code (WAC) Children's Safe Products – Reporting Rule Agreed Order (AO) No.16-08

This citation list contains references for data, factual information, studies, or reports on which the agency relied in the adoption for this rulemaking (Chapter 34.05.370(f) Revised Code of Washington (RCW)).

References listed in the Concise Explanatory Statement for Chapter 173-334 WAC Children's Safe Products Reporting Rule:

BAuA Federal Institute for Occupational Safety and Health. undated. Federal Office for Chemicals, Dortmund Germany, Annex XV Dossier: Proposal for Identification of a Substance as a CMR Cat 1A or 1B, PBT, vPvB or a Substance of an Equivalent Level of Concern. Substance Name: Bis(2-methoxyethyl)phthalate, CAS Number 117-82-8.

California Office of Environmental Health Hazard Assessment (OEHHA). 2017. Safe Drinking Water and Toxic Enforcement Act of 1986. Proposition 65 list of chemicals known to the state to cause cancer or reproductive toxicity. Prop65 listing at <a href="https://oehha.ca.gov/proposition-65">https://oehha.ca.gov/proposition-65</a>

Centers for Disease Control and Prevention (CDC). 2015. Fourth National Report on Human Exposure to Environmental Chemicals: Updated Tables February 2015. Atlanta, GA.

Consumer Product Safety Commission (CPSC). 2014. Chronic Hazard Advisory Panel on Phthalates and Phthalate Alternatives (CHAP). July 2014 Report to the U.S. Consumer Product Safety Commission Directorate for Health Services.

Danish Ministry of the Environment, Environmental Protection Agency (DEPA). 2016. Environmental and health screening profiles of phosphorus flame retardants, Appendix 5, CAS No. 68937-40-6.

DEPA. 2017. Surveys on Chemicals in Consumer Products. Consumer product reports listed at <a href="http://eng.mst.dk/chemicals/chemicals-in-products/consumer-products/danish-surveys-on-consumer-products/">http://eng.mst.dk/chemicals/chemicals-in-products/consumer-products/</a>danish-surveys-on-consumer-products/

DHI Water and Environment for DG Environment, 2006. Study on enhancing the Endocrine Disruptor priority list with a focus on low production volume chemicals.

European Food Safety Authority (EFSA). 2012. Scientific opinion on emerging and novel brominated flame retardants in food, EFSA Journal: 10(10):2908).

Environment Agency Austria, undated. Annex Xv Dossier; Proposal for Identification of a Substance as a CMR Cat 1A or 1B, PBT, vPvB or a Substance of an Equivalent Level of Concern. Substance Name: Diisopentylphthalate (DIPP), EC Number 210-088, CAS Number(s): 605-50-5

Environmental Protection Agency (EPA). 2011. Screening-level hazard characterization Dechlorane Plus (CASRN 13560-89-9)

EPA, 2014. An Alternatives Assessment for the Flame Retardant Decabromodiphenyl Ether (DecBDE).

EPA, 2015 Flame Retardants Used in Flexible Polyurethane Foam: An Alternatives Assessment Update. 2015, U.S. Environmental Protection Agency.

EPA. 2017. National Center for Environmental Assessment. Integrated Risk Information System (IRIS). Chemical Assessment Summary. Database listed at <a href="https://www.epa.gov/iris">https://www.epa.gov/iris</a>

European Chemicals Agency (ECHA). 2017. Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH): Registration Dossiers; Substances of Very High Concern (SVHC) <a href="https://echa.europa.eu/candidate-list-table">https://echa.europa.eu/candidate-list-table</a>; Restricted Substances; Authorised Substances; Existing Substances Regulation (ESR). Databases available at <a href="https://echa.europa.eu/addressing-chemicals-of-concern">https://echa.europa.eu/addressing-chemicals-of-concern</a>

European Commission (EC). 2017. Priority List of substances for further evaluation of their role in endocrine disruption. Category 1 - evidence of endocrine disrupting activity in at least one species using intact animals. Priority list available at:

http://ec.europa.eu/environment/chemicals/endocrine/strategy/being\_en.htm

He, B, Rhodes-Brower, S, Miller, MR, Munson, AE, Germolec, DR, Walker, VR, Korach, KS, and Meade, BJ, (2003). Octamethylcyclotetrasiloxane exhibits estrogenic activity in mice via ER alpha. *Toxicol Appl Pharmacol* 192(3): 254-61.

International Agency for Research on Cancer (IARC). 2017. Monographs on the Evaluation of Carcinogenic Risks to Humans. Monographs available at <a href="http://monographs.iarc.fr/">http://monographs.iarc.fr/</a>

Lee D, Ahn C, An BS, Jeung EB. (2015) Induction of the estrogenic marker calbindn-d<sub>9</sub>k by octamethylcyclotetrasiloxane. *Int J Environ Res Public Health* 12:14610-25

Leonetti, Christopher, Craig M. Butt, Kate Hoffman, Stephanie C. Hammel,

Marie Lynn Miranda and Heather M. Stapleton, 2016, Brominated flame retardants in placental tissues: associations with infant sex and thyroid hormone endpoints Environmental Health 15:113.

Li, Yan, Lehuan Yu, Jianshe Wang, Jiangping Wu, Bixian Mai, and Jiayin Dai. 2013. Accumulation pattern of Dechlorane Plus and associated biological effects on rats after 90 d of exposure. Chemosphere, 2013. 90(7):2149-56.

Llompart, M., M. Celeiro, J.P. Lamas, L. Snaches-Prado, M. Lores and C. Garcia-Jares, 2013. Analysis of plasticizers and synthetic musks in cosmetic and personal care products by matrix solid-phase dispersion gas chromatography-mass spectrometry. Journal of Chromatography A 1293:10-19.

McKim, JM, Wilga, PC, Breslin, WJ, Plotzke, KP, Gallavan, RH, and Meeks, RG. 2001. Potential estrogenic and androgenic activity of the cyclic siloxane

National Institute for Occupational Safety and Health (NIOSH) Registry of Toxic Effects of Chemical Substances (RTECS) database for 2,4,6-tribromophenol.

National Toxicology Program (NTP). 2016. US Department of Health and Human Services, 14<sup>th</sup> Report on Carcinogens, released November 23, 2016.

Norwegian Environment Agency, 2016. Substance Evaluation Report for 2,4,6-tribromophenol CAS no. 118-79-6

Quinn, AL, Regan JM, Tobin JM, Marinik BJ, McMahon JM, McNett DA, Sushynski CM, Crofoot SD, Jean PA, Plotzke KP. 2007. In vitro and in vivo evaluation of the estrogenic, androgenic, and progestagenic potential of two cyclic siloxanes. *Toxicological Sciences* 96(1): 145-53.

Stringer, R., I. Labunska, D. Santillo, P. Johnston, J. Siddorn, and A. Stephenson. 2000. Concentrations of phthalate esters and identification of other additives in PVC toys. Environ Sci Pollut Res 7:1-10.

United Kingdom, Environment Agency (UK). 2009. Environmental risk evaluation report tertbutylphenyl diphenyl phosphate CAS no. 56803-37-3

Wan H.T., P.Y. Leung, Y.G. Zhao, X. Wei, M.H. Wong, C.K.C. Wong. 2013. Blood plasma concentrations of endocrine disrupting chemicals in Hong Kong populations. Journal of Hazardous Materials. Volume 261, 15 October 2013, Pages 763-769

Wu, Bing, Su Liu, Xuechao Guo, Yan Zhang, Xuxiang Zhang, Mei Li, and Shupei Cheng. 2012.

Responses of mouse liver to dechlorane plus exposure by integrative transcriptomic and metabolonomic studies. Environ Sci Technol, 46(19):10758-64.

Chapter 173-333 Washington Administrative Code (WAC). Persistent, Bioaccumulative, and Toxic chemicals. Adopted 2006.

References used to support the addition or delisting of chemicals from the chemicals of high concern (CHCC) list (WAC 173-334-130) are listed in numerical order by chemical abstract service (CAS) number:

CAS	Acronym	Chemical Name
Added CHCCs		
80-09-1	BPS	Bisphenol S
84-61-7	DCHP	Dicyclohexyl phthalate
84-69-5	DIBP	Diisobutyl phthalate
115-86-6	TPP	Triphenyl phosphate
117-82-8	DMEP	Di(2-methoxyethyl) phthalate
126-72-7	TDBPP	Tris (2,3-dibromopropyl) phosphate
126-73-8	TNBP	Tri-n-butyl phosphate
131-18-0	DPP	Dipentyl phthalate
335-67-1	PFOA	Perfluorooctanoic acid
620-92-8	BPF	Bisphenol F
1241-94-7	EHDPP	Ethylhexyl diphenyl phosphate
1330-78-5	TCP	Tricresyl phosphate
13674-84-5	ТСРР	Tris (2chloroisopropyl) phosphate
25154-52-3		Nonylphenol
84852-15-3		4-Nonylphenol (branched)
26040-51-7	ТВРН	Bis (2-ethylhexyl) 2,3,4,5-tetra bromophthalate
38051-10-4	V6	Bis(chloromethyl)propane-1,3-diyl tetrakis-(2-chloroethyl) bis(phosphate)
68937-41-7	IPTPP	Isopropylated triphenyl phosphate
84852-53-9	DBDPE	Decabromodiphenyl ethane
85535-84-8	SCCP	Short-chain chlorinated paraffins
108171-26-2		Chorinated paraffins
183658-27-7	TBB	2-ethylhexyl-2,3,4,5-tetrabromobenzoate

CAS	Acronym	Chemical Name	
Delisted CHCC			
85-44-9		Phthalic anhydride	
556-67-2	D4	Octamethylcyclotetrasiloxane	
7439-98-7	Мо	Molybdenum	

## References for added CHCCs listed in numerical order by CAS Number

80-09-1 BPS References		
1.	Ben-Johnson N and Hugo ER (2016) Bisphenols come in different flavors: is "S" better than "A"? <i>Endocrinology 157 (4):</i> 1321-11323.	
2.	ECHA, Decision on Substance Evaluation Pursuant to Article 46(1) of Regulation (EC) NO 1907/2006 For 4,4'-sulfonyldiphenol, CAS No 80-09-1 (EC No 201-250-5). 2016.	
3.	Ecology, 2011, Process used to generate the CSPA reporting list – Phase 1. Available at the bottom of this webpage: <a href="www.ecy.wa.gov/programs/hwtr/rtt/cspa/chcc.html">www.ecy.wa.gov/programs/hwtr/rtt/cspa/chcc.html</a>	
4.	EPA. Bisphenol A Alternatives in Thermal Paper. Final Report August 2015. Design for the Environment Program. <a href="https://www.epa.gov/sites/production/files/2015-08/documents/bpa_final.pdf">www.epa.gov/sites/production/files/2015-08/documents/bpa_final.pdf</a>	
5.	EPA. Chemical Data Access Tool (CDAT) - Chemical Data Reporting (CDR) information on the production and use of chemicals manufactured or imported into the United States. 2012; [accessed 10/30/2015] Available from: <a href="http://java.epa.gov/oppt_chemical_search/">http://java.epa.gov/oppt_chemical_search/</a> .	
6.	Liao C, Kannan K. (2014) A survey of alkylphenols, bisphenols, and triclosan in personal care products from China and the United States. <i>Arch Environ Contam Toxicol</i> 67(1):50–59.	
7.	Liao C, Liu F, Kannan K. (2012) Bisphenol S, a new bisphenol analogue, in paper products and currency bills and its association with bisphenol A residues. <i>Environ Sci Technol</i> . <i>46</i> ( <i>12</i> ):6515-22. doi: 10.1021/es300876n.	
8.	Liao C. and Kurunthachalam K. (2013) Concentrations and Profiles of Bisphenol A and Other Bisphenol Analogues in Foodstuffs from the United States and Their Implications for Human Exposure. <i>J. Agricultural and Food Chemistry</i> 61, 4655–4662.	
9.	Liao et al. (2012) Bisphenol S in urine from the United States and Seven Asian Countries: Occurrence and Human Exposures. <i>Environmental Science and Technology</i> 46: 6860-6866.	
10.	Liao et al. (2012). Occurrence of Eight Bisphenol Analogues in Indoor Dust from the United States and Several Asian Countries: Implication for Human Exposure. <i>Environmental Science and Technology</i> 46:9138-45.	
11.	Minnesota Pollution Control Agency. BPA and BPS in Thermal Paper: Results of Testing in Minnesota Hospitality Industry. March 2014. Available at <a href="https://www.pca.state.mn.us/sites/default/files/p-p2s10-13.pdf">www.pca.state.mn.us/sites/default/files/p-p2s10-13.pdf</a>	
12.	National Toxicology Program (NTP) Research Concept: Bisphenol S (Draft). NTP Board of Scientific Counselors Meeting, June 2014. Available at <a href="https://ntp.niehs.nih.gov/ntp/about_ntp/bsc/2014/june/bisphenols_concept_508.pdf">https://ntp.niehs.nih.gov/ntp/about_ntp/bsc/2014/june/bisphenols_concept_508.pdf</a>	
13.	Rochester JR and Bolden AL (2015) Bisphenol S and F: Systemic review and comparison of	

the hormonal activity of bisphenol A substitutes. <i>Environ. Health P</i>
----------------------------------------------------------------------------

- 14. Thayer KA, Taylor KW et al. (2016) Bisphenol A, Bisphenol S and 4-hydroxyphenyl 4-isoprooxyphenylsulfone (BPSIP) in urine and blood of cashiers. *Environ. Health Perspect.* 124(4): 437-444.
- 15. Ye, X., et al. (2015) Urinary Concentrations of Bisphenol A and Three Other Bisphenols in Convenience Samples of U.S. Adults during 2000-2014. *Environ Sci Technol* 49(19): p. 11834-9.

#### 84-61-7 DCHP References

- 1. Chronic Hazard Advisory Panel on Phthalates and Phthalate Alternatives (CHAP), July, 2014. Report to the U.S. Consumer Product Safety Commission Directorate for Health Services.
- 2. Ecology, 2011, Process used to generate the CSPA reporting list Phase 1. Available at the bottom of this web page: <a href="https://www.ecy.wa.gov/programs/hwtr/rtt/cspa/chcc.html">www.ecy.wa.gov/programs/hwtr/rtt/cspa/chcc.html</a>
- 3. European Chemicals Agency (ECHA), Sweden and Denmark, 2015. Annex XV Report: Proposal for Identification of a Substance of Very High Concern on the Basis of the Criteria Set Out in REACH Article 57 Substance Name(s): Dicyclohexyl phthalate (DCHP) EC Number(s): 201-545-9 CAS Number(s): 84-61-7, http://echa.europa.eu/documents/10162/b2fbb22c-72d7-491d-b417-39105e35b792.
- 4. EU-Strategy for Endocrine Disruptors database EDS\_2003\_DHI2006.mdb. Accessed 10/17/16
- 5. Washington Toxics Coalition, Petition to Ecology for CSPA rulemaking. August 5, 2016.

#### 84-69-5 DIBP References

- 1. Centers for Disease Control and Prevention (CDC). 2015. Fourth National Report on Human Exposure to Environmental Chemicals: Updated Tables February 2015. Atlanta, GA. Available: www.cdc.gov/exposurereport/.
- 2. Chronic Hazard Advisory Panel (CHAP) on Phthalates and Phthalate Alternatives, July, 2014. Report to the U.S. Consumer Product Safety Commission Directorate for Health Services.
- 3. ECHA Substance Information, available: <a href="https://echa.europa.eu/information-on-chemicals">https://echa.europa.eu/information-on-chemicals</a>
- 4. Ecology, 2011, Process used to generate the CSPA reporting list Phase 1. Available at the bottom of this web page: <a href="http://www.ecy.wa.gov/programs/hwtr/rtt/cspa/chcc.html">http://www.ecy.wa.gov/programs/hwtr/rtt/cspa/chcc.html</a>
- 5. European Chemicals Agency (ECHA) Candidate List of substances of very high concern (SVHC) for Authorisation. Available: <a href="http://echa.europa.eu/candidate-list-table">http://echa.europa.eu/candidate-list-table</a>
- 6. European Commission, Endocrine disruptor priority list. Available at: <a href="http://ec.europa.eu/environment/chemicals/endocrine/strategy/substances\_en.htm">http://ec.europa.eu/environment/chemicals/endocrine/strategy/substances\_en.htm</a>

#### 115-86-6 TPP References

- 1. Behl, M., et al., Comparative Toxicity of Organophosphate Flame Retardants and Polybrominated Diphenyl Ethers to Caenorhabditis elegans. *Toxicol Sci.* 2016 Aug 26. pii: kfw162 [Epub ahead of print].
- 2. Behl, M., et al., Use of alternative assays to identify and prioritize organophosphorus flame retardants for potential developmental and neurotoxicity. *Neurotoxicology and Teratology* 52

	(2015) 181–193.
3.	Boris V. Krivoshiev, F.D., Adrian Covaci, Ronny Blust, Steven J. Husson, Assessing in-vitro estrogenic effects of currently-used flame retardants. <i>Toxicology in Vitro</i> , 2016. 33: p. 153-162.
4.	Brooke, D., Crookes, M, Quaterman, P, Burns, J, Environmental Risk Evaluation Report: Triphenyl Phosphate (CAS no. 115-86-6). 2009, Environment Agency, Bristol, UK: United Kingdom. p. 140.
5.	Butt, C.H., K; Chen, A; Lorenzo, A; Congleton, J; Stapleton, HM, Regional comparison of organophosphate flame retardant (PFR) urinary metabolites and tetrabromobenzoic acid (TBBA) in mother-toddler pairs from California and New Jersey. <i>Environment International</i> , 2016. 94: p. 627-34.
6.	Butt, C.M., et al., Metabolites of organophosphate flame retardants and 2-ethylhexyl tetrabromobenzoate in urine from paired mothers and toddlers. <i>Environ Sci Technol</i> , 2014. 48(17): p. 10432-8.
7.	Cao, S., et al., Levels and distributions of organophosphate flame retardants and plasticizers in sediment from Taihu Lake, China. <i>Environ Toxicol Chem</i> , 2012. 31(7): p. 1478-84.
8.	Cequier, E., et al., Human exposure pathways to organophosphate triesters - a biomonitoring study of mother-child pairs. <i>Environ Int</i> , 2015. 75: p. 159-65.
9.	Chen, G., et al., Exposure of male mice to two kinds of organophosphate flame retardants (OPFRs) induced oxidative stress and endocrine disruption. <i>Environ Toxicol Pharmacol</i> , 2015. 40(1): p. 310-8.
10.	Dodson, R.E., et al., After the PBDE phase-out: a broad suite of flame retardants in repeat house dust samples from California. <i>Environ Sci Technol</i> , 2012. 46(24): p. 13056-66.
11.	ECHA, Brief Profiles: Triphenyl Phosphate [accessed September 2016]. Available at <a href="https://echa.europa.eu/information-on-chemicals">https://echa.europa.eu/information-on-chemicals</a> .
12.	Ecology, Flame Retardants in General Consumer and Children's Products. June 2014, Publication No. 14-04-021.
13.	Emma Mendelsohn, A.H., Kate Hoffman, Craig M. Butt, Amelia Lorenzo, and T.F.W. Johanna Congleton, Heather M. Stapleton, Nail polish as a source of exposure to triphenyl phosphate. <i>Environment International</i> , 2016. 86: p. 45-51.
14.	EPA, Flame Retardants Used in Flexible Polyurethane Foam: An Alternatives Assessment Update. 2015, U.S. Environmental Protection Agency.
15.	EPA. Chemical Data Access Tool (CDAT) - Chemical Data Reporting (CDR) information on the production and use of chemicals manufactured or imported into the United States. 2012; [accessed 10/30/2015] Available from: <a href="http://java.epa.gov/oppt_chemical_search/">http://java.epa.gov/oppt_chemical_search/</a> .
16.	Fan, X., et al., Simultaneous determination of thirteen organophosphate esters in settled indoor house dust and a comparison between two sampling techniques. <i>Sci Total Environ</i> , 2014. 491-492: p. 80-6.
17.	Green, A.J., et al., Perinatal triphenyl phosphate exposure accelerates type 2 diabetes onset and increases adipose accumulation in UCD-type 2 diabetes mellitus rats. <i>Reprod Toxicol</i> . 2016 Jul 12. doi: 10.1016/j.reprotox.2016.07.009. [Epub ahead of print].
18.	Hiroyuki Kojima, S.T., Nele Van den Eede, Adrian Covaci, Effects of primary metabolites of organophosphate flame retardants on transcriptional activity via human nuclear receptors.

	Toxicology Letters, 2016. 245: p. 31-39.
19.	Hoffman, K., et al., High Exposure to Organophosphate Flame Retardants in Infants: Associations with Baby Products. <i>Environ Sci Technol</i> , 2015. 49 (24), pp 14554–14559.
20.	Hoffman, K., et al., Monitoring indoor exposure to organophosphate flame retardants: hand wipes and house dust. <i>Environ Health Perspect</i> , 2015. 123(2): p. 160-5.
21.	Kim, J.W., et al., Organophosphorus flame retardants (PFRs) in human breast milk from several Asian countries. <i>Chemosphere</i> , 2014. 116: p. 91-7.
22.	Liang-Ying Liu, K.H., Ronald A. Hites, and Amina Salamova, Hair and Nails as Noninvasive Biomarkers of Human Exposure to Brominated and Organophosphate Flame Retardants. <i>Environ. Sci. Technol.</i> 2016, 2016. 50: p. 3065–3073.
23.	Meeker, J.D. and H.M. Stapleton, House dust concentrations of organophosphate flame retardants in relation to hormone levels and semen quality parameters. <i>Environ Health Perspect</i> , 2010. 118(3): p. 318-23.
24.	Meeker, J.D., et al., Urinary metabolites of organophosphate flame retardants: temporal variability and correlations with house dust concentrations. <i>Environ Health Perspect</i> , 2013. 121(5): p. 580-5.
25.	Patisaul, H.B., et al., Accumulation and endocrine disrupting effects of the flame retardant mixture Firemaster(R) 550 in rats: an exploratory assessment. <i>J Biochem Mol Toxicol</i> , 2013. 27(2): p. 124-36.
26.	Salamova, A., et al., High Levels of Organophosphate Flame Retardants in the Great Lakes Atmosphere. <i>Environmental Science &amp; Technology Letters</i> , 2014. 1(1): p. 8-14.
27.	Springer, C., et al., Rodent thyroid, liver, and fetal testis toxicity of the monoester metabolite of bis-(2-ethylhexyl) tetrabromophthalate (tbph), a novel brominated flame retardant present in indoor dust. <i>Environ Health Perspect</i> , 2012. 120(12): p. 1711-9.
28.	Stapleton, H.M., et al., Detection of Organophosphate Flame Retardants in Furniture Foam and U.S. House Dust. <i>Environmental Science &amp; Technology</i> , 2009. 43(19): p. 7490-7495.
29.	Stapleton, H.M., et al., Identification of flame retardants in polyurethane foam collected from baby products. <i>Environ Sci Technol</i> , 2011. 45(12): p. 5323-31.
30.	Stiles, R., et al., Measurement of drinking water contaminants by solid phase microextraction initially quantified in source water samples by the USGS. <i>Environ Sci Technol</i> , 2008. 42(8): p. 2976-81.
31.	Sundkvist, A.M., U. Olofsson, and P. Haglund, Organophosphorus flame retardants and plasticizers in marine and fresh water biota and in human milk. <i>J Environ Monit</i> , 2010. 12(4): p. 943-51.
32.	Toxicology Excellence for Risk Assessment (TERA), Environmental Concentrations and Consumer Exposure Data for Selected Flame Retardants (TDCPP, TCPP, TEP, TPP). June 1, 2015: Consumer Product Safety Commission contract Number CPSC-D-12-0001.
33.	van der Veen, I. and J. de Boer, Phosphorus flame retardants: properties, production, environmental occurrence, toxicity and analysis. <i>Chemosphere</i> , 2012. 88(10): p. 1119-53.

#### 117-82-8 DMEP References

1. ECHA Candidate List of substances of very high concern for Authorisation (SVHC), <a href="http://echa.europa.eu/candidate-list-table">http://echa.europa.eu/candidate-list-table</a>

- 2. ECHA Substance Information, Bis(2-methoxyethyl) phthalate CAS # 117-82-8, Summary of Classification and Labelling, <a href="https://echa.europa.eu/information-on-chemicals">https://echa.europa.eu/information-on-chemicals</a>
- 3. Australian Government. Department of Health. Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS). Priority Existing Chemical Assessment Report No. 38 <a href="https://www.nicnas.gov.au/">https://www.nicnas.gov.au/</a> <a href="https://www.nicnas.gov.au/">data/assets/word</a> <a href="https://www.nicnas.gov.au/">doc/0020/34841/PEC38-DMEP.DOCX#cas-A\_117-82-8</a>
- 4. Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS), 2016. Di(methoxyethyl) phthalate (DMEP), Existing chemical info sheets. <a href="https://www.nicnas.gov.au/communications/publications/informationsheets/existingchemicalinfosheets/dimethoxyethylphthalatedmp">https://www.nicnas.gov.au/communications/publications/informationsheets/existingchemicalinfosheets/dimethoxyethylphthalatedmp</a>.
- 5. Environment Canada, Health Canada, 2009. Screening Assessment for the Challenge; 1,2-Benzenedicarboxylic acid, bis(2-methoxyethyl) ester, Chemical Abstracts Service Registry Number 117-82-8. <a href="https://www.ec.gc.ca/ese-ees/F9B6BE6B-C7F5-49DD-8F05-C869D4D05E2D/batch6\_117-82-8\_en.pdf">https://www.ec.gc.ca/ese-ees/F9B6BE6B-C7F5-49DD-8F05-C869D4D05E2D/batch6\_117-82-8\_en.pdf</a>
- 6. BAuA Federal Institute for Occupational Safety and Health, Federal Office for Chemicals, Dortmund, Germany. Annex XV Dossier: Proposal for Identification of a Substance as a CMR (1A or 1BG), PBT, vPvB or a Substance of an Equivalent Level of Concern, Substance Name: Bis(2-methoxyethyl)phthalate, CAS Number 117-82-8. https://echa.europa.eu/documents/10162/38458518-7e1d-49ff-b53d-d07963c1bceb
- 7. Wan, H.T., P.Y. Leung, Y.G. Zhao, X. Wei, M.H. Wong, Chris K.C. Wong. 2013. Blood plasma concentrations of endocrine disrupting chemicals in Hong Kong populations. Journal of Hazardous Materials, Volume 261, 15 October 2013. <a href="https://doi.org/10.1016/j.jhazmat.2013.01.034">https://doi.org/10.1016/j.jhazmat.2013.01.034</a>
- 8. Bao, Jiaqin, Min Wang, Xiaojun Ning, Yaobin Zhou, Yuping He, Jielin Yang, Xi Gao, Shuguang Li, Zhuoping Ding & Bo Chen. 2015. Phthalate Concentrations in Personal Care Products and the Cumulative Exposure to Female Adults and Infants in Shanghai. Journal of Toxicology and Environmental Health, Part A, Volume 78, 2015, Issue 5. <a href="http://dx.doi.org/10.1080/15287394.2014.968696">http://dx.doi.org/10.1080/15287394.2014.968696</a>

#### 126-72-7 TDBPP References

- 1. CPSC. CPSC Bans TRIS-Treated Children's Garments1977; Available from: <a href="https://www.cpsc.gov/en/Newsroom/News-Releases/1977/CPSC-Bans-TRIS-Treated-Childrens-Garments/">www.cpsc.gov/en/Newsroom/News-Releases/1977/CPSC-Bans-TRIS-Treated-Childrens-Garments/</a>.
- 2. Dodson, R.E., et al., After the PBDE phase-out: a broad suite of flame retardants in repeat house dust samples from California. *Environ Sci Technol*, 2012. 46(24): p. 13056-66.
- 3. EFSA, Scientific Opinion on Emerging and Novel Brominated Flame Retardants (BFRs) in Food. 2012, European Food Safety Authority: Parma, Italy.
- 4. EPA. Chemical Data Access Tool (CDAT) Chemical Data Reporting (CDR) information on the production and use of chemicals manufactured or imported into the United States. 2012; [accessed 10/30/2015] Available from: <a href="http://java.epa.gov/oppt\_chemical\_search/">http://java.epa.gov/oppt\_chemical\_search/</a>.
- 5. NTP, Report on Carcinogens, Thirteenth Edition, U.D.o.H.a.H.S. National Toxicology Program, Editor. 2014.

#### 126-73-8 TNBP References

1. ATSDR. Toxicological profile for phosphate ester flame retardants. 2012 Updated Jan 21, 2015 [cited 2015 10/2/2015]; Available from:

	. 1 1 /T D C1 /TDD 0:1 11100 /: 1 020
	www.atsdr.cdc.gov/ToxProfiles/TP.asp?id=1119&tid=239.
2.	Auletta, C.S., M.L. Weiner, and W.R. Richter, A dietary toxicity/oncogenicity study of tributyl phosphate in the rat. <i>Toxicology</i> , 1998. 128(2): p. 125-34.
3.	Dodson, R.E., et al., After the PBDE phase-out: a broad suite of flame retardants in repeat house dust samples from California. <i>Environ Sci Technol</i> , 2012. 46(24): p. 13056-66.
4.	Dodson, R.E., et al., Urinary biomonitoring of phosphate flame retardants: levels in California adults and recommendations for future studies. <i>Environ Sci Technol</i> , 2014. 48(23): p. 13625-33.
5.	ECHA. <i>Brief Profile: Tributyl phosphate</i> . August 2016]; Available from: <a href="https://echa.europa.eu/brief-profile/-/briefprofile/100.004.365">https://echa.europa.eu/brief-profile/-/briefprofile/100.004.365</a> .
6.	EPA. Chemical Data Access Tool (CDAT) - Chemical Data Reporting (CDR) information on the production and use of chemicals manufactured or imported into the United States. 2012 [accessed 10/30/2015]; Available from: <a href="http://java.epa.gov/oppt_chemical_search/">http://java.epa.gov/oppt_chemical_search/</a> .
7.	Fan, X., et al., Simultaneous determination of thirteen organophosphate esters in settled indoor house dust and a comparison between two sampling techniques. <i>Sci Total Environ</i> , 2014. 491-492: p. 80-6.
8.	FDA, U.S Food and Drug Administration – Total Diet Study Market Baskets 2004-1 through 2005-4. 2005, Food Drug Administration, Public Health Service. FDA/Center for Food Safety and Applied Nutrition: Meriland.
9.	Fromme, H., et al., Organophosphate flame retardants and plasticizers in the air and dust in German daycare centers and human biomonitoring in visiting children (LUPE 3). <i>Environ Int</i> , 2014. 71: p. 158-63.
10.	Hiroyuki Kojima, S.T., Nele Van den Eede, Adrian Covaci, Effects of primary metabolites of organophosphate flame retardants on transcriptional activity via human nuclear receptors. <i>Toxicology Letters</i> , 2016. 245: p. 31-39.
11.	HSDB. Tributyl Phosphate, (CASRN: 126-73-8). 2015 Updated 02/18/2015 [cited 2015 12/10/2015]; Available from: <a href="http://toxnet.nlm.nih.gov/cgibin/sis/search2/f?./temp/~qPQDVd:1">http://toxnet.nlm.nih.gov/cgibin/sis/search2/f?./temp/~qPQDVd:1</a> .
12.	Kim, J.W., et al., Organophosphorus flame retardants (PFRs) in human breast milk from several Asian countries. <i>Chemosphere</i> , 2014. 116: p. 91-7.
13.	Kojima, H., et al., In vitro endocrine disruption potential of organophosphate flame retardants via human nuclear receptors. <i>Toxicology</i> , 2013. 314(1): p. 76-83.
14.	Sundkvist, A.M., U. Olofsson, and P. Haglund, Organophosphorus flame retardants and plasticizers in marine and fresh water biota and in human milk. <i>J Environ Monit</i> , 2010. 12(4): p. 943-51.
15.	Xu, F., et al., Comprehensive Study of Human External Exposure to Organophosphate Flame Retardants via Air, Dust, and Hand Wipes: The Importance of Sampling and Assessment Strategy. <i>Environ Sci Technol</i> , 2016. 50(14): p. 7752-60.
16.	Zhao, F., et al., Levels of Blood Organophosphorus Flame Retardants and Association with Changes in Human Sphingolipid Homeostasis. <i>Environ Sci Technol</i> , 2016. 50(16): p. 8896-903.
17.	Zhou, L., et al., Organophosphate flame retardants (OPFRs) in indoor and outdoor air in the Rhine/Main area, Germany: comparison of concentrations and distribution profiles in different

#### 131-18-0 DPP References

- 1. Chronic Hazard Advisory Panel on Phthalates and Phthalate Alternatives (CHAP), July, 2014. Report to the U.S. Consumer Product Safety Commission Directorate for Health Services.
- 2. Dodson, R. E., et al. (2015). "Semivolatile organic compounds in homes: Strategies for efficient and systematic exposure measurement based on empirical and theoretical factors." *Environmental Science & Technology* 49: 113-122.
- 3. ECHA Candidate List of substances of very high concern for Authorisation (SVHC), <a href="http://echa.europa.eu/candidate-list-table">http://echa.europa.eu/candidate-list-table</a>
- 4. Ecology, 2011, Process used to generate the CSPA reporting list. Available at the bottom of this web page: <a href="https://www.ecy.wa.gov/programs/hwtr/rtt/cspa/chcc.html">www.ecy.wa.gov/programs/hwtr/rtt/cspa/chcc.html</a>
- 5. European Chemicals Agency (ECHA), 2015. Annex XV Report: Proposal for identification of a Substance as a CMR 1A or 1B, PBT, vPvB or a Substance of an Equivalent Level of Concern Name(s): Dipentyl phthalate (DPP) EC Number(s): 205-017-9 CAS Number(s): 131-18-4 <a href="https://echa.europa.eu/documents/10162/d55c182b-f063-4955-969d-5684584d17b2">https://echa.europa.eu/documents/10162/d55c182b-f063-4955-969d-5684584d17b2</a>
- 6. EU-Strategy for Endocrine Disruptors database EDS\_2003\_DHI2006.mdb. Accessed 10/17/16. http://ec.europa.eu/environment/chemicals/endocrine/strategy/substances\_en.htm
- 7. Hartmann, C., et al. (2015). "Human biomonitoring of phthalate exposure in Austrian children and adults and cumulative risk assessment." International Journal of Hygiene and *Environmental Health* 218: 489-499.
- 8. Kasper-Sonnenberg, M., et al. (2014). Phthalate metabolites and bisphenol A in urines from German school-aged children: Results of the Duisberg Birth Cohort and Bochum Cohort studies. *International Journal of Hygiene and Environmental Health* 217: 830-838.
- 9. Washington Toxics Coalition, Petition to Ecology for CSPA rulemaking. August 5, 2016.

#### 335-67-1 PFOA References

- 1. Centers for Disease Control and Prevention (CDC). 2015. Fourth National Report on Human Exposure to Environmental Chemicals: Updated Tables February 2015. Atlanta, GA. Available: www.cdc.gov/exposurereport/
- 2. ECHA Candidate List of substances of very high concern for Authorisation (SVHC), http://echa.europa.eu/candidate-list-table
- 3. Ecology, 2011, Process used to generate the CSPA reporting list. Available at the bottom of this web page: <a href="https://www.ecy.wa.gov/programs/hwtr/rtt/cspa/chcc.html">www.ecy.wa.gov/programs/hwtr/rtt/cspa/chcc.html</a>
- 4. International Agency for Research on Cancer (IARC), 2016. Monograph 110. Carcinogenicity of perfluorooctanoic acid, tetrafluoroethylene, dichloromethane, 1,2-dichloropropane, and 1,3-propane sultone. <a href="http://monographs.iarc.fr/ENG/Monographs/vol110/index.php">http://monographs.iarc.fr/ENG/Monographs/vol110/index.php</a>
- 5. Washington Toxics Coalition, Petition to Ecology for CSPA rulemaking. August 5, 2016.

#### 620-92-8 BPF References

1. | Ecology, 2011, Process used to generate the CSPA reporting list – Phase 1. Available at the

	bottom of this web page: <a href="www.ecy.wa.gov/programs/hwtr/rtt/cspa/chcc.html">www.ecy.wa.gov/programs/hwtr/rtt/cspa/chcc.html</a>
2.	EPA. Bisphenol A Alternatives in Thermal Paper. Final Report August 2015. Design for the Environment Program. <a href="https://www.epa.gov/sites/production/files/2015-08/documents/bpa_final.pdf">www.epa.gov/sites/production/files/2015-08/documents/bpa_final.pdf</a>
3.	EPA. Chemical Data Access Tool (CDAT) - Chemical Data Reporting (CDR) information on the production and use of chemicals manufactured or imported into the United States. 2012; [accessed 10/30/2015] Available from: <a href="http://java.epa.gov/oppt_chemical_search/">http://java.epa.gov/oppt_chemical_search/</a> .
4.	Fromme, H.; Küchler, T.; Otto, T.; Pilz, K.; Müller, J.; Wenzel, A. (2002) Occurrence of phthalates and bisphenol A and F in the environment. <i>Water Res. 36 (6)</i> , 1429–1438.
5.	Ike M, Chen MY, Danzl E, Sei K, Fujita M. (2006) Biodegradation of a variety of bisphenols under aerobic and anaerobic conditions <i>Water Sci Technol</i> . 2006;53(6):153-9.
6.	Liao C, Kannan K. 2014. A survey of alkylphenols, bisphenols, and triclosan in personal care products from China and the United States. <i>Arch Environ Contam Toxicol</i> 67(1):50–59.
7.	Liao C. and Kurunthachalam K. (2013) Concentrations and Profiles of Bisphenol A and Other Bisphenol Analogues in Foodstuffs from the United States and Their Implications for Human Exposure. <i>J. Agricultural and Food Chemistry</i> 61, 4655–4662.
8.	Liao et al., 2012b. Occurrence of Eight Bisphenol Analogues in Indoor Dust from the United States and Several Asian Countries: Implication for Human Exposure. <i>Environmental Science and Technology; 46</i> :9138-45.
9.	Rochester JR and Bolden AL (2015) Bisphenol S and F: Systemic review and comparison of the hormonal activity of bisphenol A substitutes. <i>Environ. Health Perspect.</i> 123 (7):643-650.
10.	Ye, X., et al., Urinary Concentrations of Bisphenol A and Three Other Bisphenols in Convenience Samples of U.S. Adults during 2000-2014. <i>Environ Sci Technol</i> , 2015. 49(19): p. 11834-9.

124	1-94-7 EHDPP References
1.	UK, U.K., Environmental risk evaluation report: 2-Ethylhexyl diphenyl phosphate (CAS no. 1241-94-7). R.H. Environment Agency, Waterside Drive, Aztec West, Almondsbury, Bristol, Editor. 2009.
2.	HSDB. <i>Diphenyl-2-ethylhexyl phosphate</i> , ( <i>CASRN: 1241-94-7</i> ). 2015 Updated 02/18/2015 [cited 2015 12/10/2015]; Available from: <a href="http://toxnet.nlm.nih.gov/cgi-bin/sis/search2/f?./temp/~efycoF:1">http://toxnet.nlm.nih.gov/cgi-bin/sis/search2/f?./temp/~efycoF:1</a>
3.	Behl, M., et al., <i>Use of alternative assays to identify and prioritize organophosphorus flame retardants for potential developmental and neurotoxicity.</i> Neurotoxicol Teratol, 2015.
4.	Behl, M., et al., Comparative Toxicity of Organophosphate Flame Retardants and Polybrominated Diphenyl Ethers to Caenorhabditis elegans. Toxicol Sci, 2016
5.	EPA. Chemical Data Access Tool (CDAT) - Chemical Data Reporting (CDR) information on the production and use of chemicals manufactured or imported into the United States. 2012 10/15/2015 10/30/2015]; Available from: <a href="http://java.epa.gov/oppt_chemical_search/">http://java.epa.gov/oppt_chemical_search/</a>
6.	Dodson, R.E., et al., <i>After the PBDE phase-out: a broad suite of flame retardants in repeat house dust samples from California</i> . Environ Sci Technol, 2012. <b>46</b> (24): p. 13056-66.
7.	Sundkvist, A.M., U. Olofsson, and P. Haglund, <i>Organophosphorus flame retardants and plasticizers in marine and fresh water biota and in human milk.</i> J Environ Monit, 2010. <b>12</b> (4):

	p. 943-51
8.	Kim, J.W., et al., Organophosphorus flame retardants (PFRs) in human breast milk from several Asian countries. Chemosphere, 2014. <b>116</b> : p. 91-7.
9.	Zhao, F., et al., Levels of Blood Organophosphorus Flame Retardants and Association with Changes in Human Sphingolipid Homeostasis. Environ Sci Technol, 2016. <b>50</b> (16): p. 8896-903.
10	Ballesteros-Gomez, A., N. Van den Eede, and A. Covaci, <i>In vitro human metabolism of the flame retardant resorcinol bis(diphenylphosphate) (RDP)</i> . Environ Sci Technol, 2015. <b>49</b> (6): p. 3897-904.
11	Hoffman, K., et al., <i>High Exposure to Organophosphate Flame Retardants in Infants:</i> Associations with Baby Products. Environ Sci Technol, 2015.
12	Fromme, H., et al., Organophosphate flame retardants and plasticizers in the air and dust in German daycare centers and human biomonitoring in visiting children (LUPE 3). Environ Int, 2014. <b>71</b> : p. 158-63
13.	Dodson, R.E., et al., <i>Urinary biomonitoring of phosphate flame retardants: levels in California adults and recommendations for future studies.</i> Environ Sci Technol, 2014. <b>48</b> (23): p. 13625-33
14.	Butt, C.M., et al., <i>Metabolites of organophosphate flame retardants and 2-ethylhexyl tetrabromobenzoate in urine from paired mothers and toddlers</i> . Environ Sci Technol, 2014. <b>48</b> (17): p. 10432-8
15.	Cequier, E., et al., <i>Human exposure pathways to organophosphate triesters - a biomonitoring study of mother-child pairs</i> . Environ Int, 2015. <b>75</b> : p. 159-65

1330	0-78-5 TCP References
1.	ATSDR. Toxicological profile for phosphate ester flame retardants. 2012 Updated Jan 21, 2015 [cited 2015 10/2/2015]; Available at: <a href="https://www.atsdr.cdc.gov/ToxProfiles/TP.asp?id=1119&amp;tid=239">www.atsdr.cdc.gov/ToxProfiles/TP.asp?id=1119&amp;tid=239</a> .
2.	Carlton, B.D., et al., Examination of the reproductive effects of tricresyl phosphate administered to Long-Evans rats. Toxicology, 1987. 46(3): p. 321-8.
3.	Dodson, R.E., et al., After the PBDE phase-out: a broad suite of flame retardants in repeat house dust samples from California. <i>Environ Sci Technol</i> , 2012. 46(24): p. 13056-66.
4.	EPA, Flame Retardants Used in Flexible Polyurethane Foam: An Alternatives Assessment Update. 2015, U.S. Environmental Protection Agency.
5.	EPA. Chemical Data Access Tool (CDAT) - Chemical Data Reporting (CDR) information on the production and use of chemicals manufactured or imported into the United States. 2012 [10/30/2015]; Available at: <a href="http://java.epa.gov/oppt_chemical_search/">http://java.epa.gov/oppt_chemical_search/</a> .
6.	Fan, X., et al., Simultaneous determination of thirteen organophosphate esters in settled indoor house dust and a comparison between two sampling techniques. <i>Sci Total Environ</i> , 2014. 491-492: p. 80-6.
7.	Fromme, H., et al., Organophosphate flame retardants and plasticizers in the air and dust in German daycare centers and human biomonitoring in visiting children (LUPE 3). <i>Environ Int</i> , 2014. 71: p. 158-63.

HSDB. Tricresyl Phosphate (CAS No. 1330-78-5). National Library of Medicine, Hazardous Substances Data Bank, (accessed September 2016). Available from: http://toxnet.nlm.nih.gov/cgi-bin/sis/search2/f?./temp/~Noc1PH:3. 9. Kim, J.W., et al., Organophosphorus flame retardants (PFRs) in human breast milk from several Asian countries. *Chemosphere*, 2014. 116: p. 91-7. National Toxicology Program (NTP), NTP technical report on the toxicology and 10. carcinogenesis studies of tricresyl phosphate (CAS No. 1330-78-5) in F344/N rats and B6C3F1 mice (gavage and feed studies). TR-433. 1994, National Toxicology Program. Sundkvist, A.M., U. Olofsson, and P. Haglund, Organophosphorus flame retardants and plasticizers in marine and fresh water biota and in human milk. J Environ Monit, 2010. 12(4): p. 943-51. Van den Eede, N., et al., Analytical developments and preliminary assessment of human exposure to organophosphate flame retardants from indoor dust. Environ Int, 2011. 37(2): p. 454-61. van der Veen, I. and J. de Boer, Phosphorus flame retardants: properties, production, 13. environmental occurrence, toxicity and analysis. *Chemosphere*, 2012. 88(10): p. 1119-53. World Health Organization (WHO). Tricresyl Phosphate - Environmental Health Criteria 110. 14. Environmental Health Criteria 1990. Available at: http://apps.who.int/bookorders/anglais/detart1.jsp?codlan=1&codcol=16&codcch=110.

1367	774-84-5 TCPP References
1.	ATSDR. Toxicological profile for phosphate ester flame retardants. 2012 Updated Jan 21, 2015 [cited 2015 10/2/2015]; Available from: <a href="https://www.atsdr.cdc.gov/ToxProfiles/TP.asp?id=1119&amp;tid=239">www.atsdr.cdc.gov/ToxProfiles/TP.asp?id=1119&amp;tid=239</a> .
2.	Butt, C.H., K; Chen, A; Lorenzo, A; Congleton, J; Stapleton, HM, Regional comparison of organophosphate flame retardant (PFR) urinary metabolites and tetrabromobenzoic acid (TBBA) in mother-toddler pairs from California and New Jersey. <i>Environment International</i> , 2016. 94: p. 627-34.
3.	Butt, C.M., et al., Metabolites of organophosphate flame retardants and 2-ethylhexyl tetrabromobenzoate in urine from paired mothers and toddlers. <i>Environ Sci Technol</i> , 2014. 48(17): p. 10432-8.
4.	Dodson, R.E., et al., After the PBDE phase-out: a broad suite of flame retardants in repeat house dust samples from California. <i>Environ Sci Technol</i> , 2012. 46(24): p. 13056-66.
5.	Dodson, R.E., et al., Urinary biomonitoring of phosphate flame retardants: levels in California adults and recommendations for future studies. <i>Environ Sci Technol</i> , 2014. 48(23): p. 13625-33.
6.	Ecology, Flame Retardants in General Consumer and Children's Products. 2014. Publication No. 14-04-021.
7.	EPA, Flame Retardants Used in Flexible Polyurethane Foam: An Alternatives Assessment Update. 2015, Environmental Protection Agency.
8.	EPA, TSCA Work Plan Chemical Problem Formulation and Initial Assessment - Chlorinated Phosphate Ester Cluster Flame Retardants. 2015, Environmental Protection Agency.

EPA. Chemical Data Access Tool (CDAT) - Chemical Data Reporting (CDR) information on the production and use of chemicals manufactured or imported into the United States. 2012; [accessed 10/30/2015] Available from: http://java.epa.gov/oppt\_chemical\_search/. 10. EU, Tris(2-chloro-1-methylethyl) phosphate (TCPP) Risk Assessment. 2008, European Union: Dublin, Ireland. Fan, X., et al., Simultaneous determination of thirteen organophosphate esters in settled indoor house dust and a comparison between two sampling techniques. Sci Total Environ, 2014, 491-492: p. 80-6. 12. Hoffman, K., et al., High Exposure to Organophosphate Flame Retardants in Infants: Associations with Baby Products. Environ Sci Technol, 2015. 13. La Guardia, M.J. and R.C. Hale, Halogenated flame-retardant concentrations in settled dust, respirable and inhalable particulates and polyurethane foam at gymnastic training facilities and residences. Environ Int, 2015. 79: p. 106-14. Stapleton, H.M., et al., Detection of Organophosphate Flame Retardants in Furniture Foam 14. and U.S. House Dust. Environmental Science & Technology, 2009. 43(19): p. 7490-7495. 15. Stapleton, H.M., et al., Flame retardant associations between children's handwipes and house dust. Chemosphere, 2014. 116: p. 54-60. 16. Stapleton, H.M., et al., Identification of flame retardants in polyurethane foam collected from baby products. *Environ Sci Technol*, 2011. 45(12): p. 5323-31. Sundkvist, A.M., U. Olofsson, and P. Haglund, Organophosphorus flame retardants and

plasticizers in marine and fresh water biota and in human milk. J Environ Monit, 2010. 12(4):

p. 943-51.

251	25154-52-3 – Nonylphenol and 84852-15-3 - 4-Nonylphenol (branched) References		
1.	European Commission DG Environment (2002). Endocrine disruptors: study on gathering information on 435 substances with insufficient data. Final report B4-3040/2001/325850/MAR/C2.		
2.	4-Nonylphenol (Branched) And Nonylphenol, Cas Nos: 84852-15-3 and 25154-52-3, Einecs Nos: 284-325-5 and 246-672-0, Risk Assessment, Final Report, 2002, 2nd Priority List, Volume 10, European Union Risk Assessment Report, European Chemicals Bureau, European Commission Joint Research Centre, 2002.		
3.	Odum, J, Pyrah, IT, Foster, JR, Van Miller, JP, Joiner, RL, and Ashby, J. (1999). Comparative activities of p-nonylphenol and diethylstilbestrol in noble rat mammary gland and uterotrophic assays. <i>Regul Toxicol and Pharmacol</i> 29(2 Pt 1): 184-95.		
4.	Kim, HS, Shin, JH, Moon, HJ, Kang, IH, Kim, TS, Kim, IY, Seok, JH, Pyo, MY, and Han, SY. (2002). Comparative estrogenic effects of p-nonylphenol by 3-day uterotrophic assay and female pubertal onset assay. <i>Reprod Toxicol</i> 16(3): 259-68.		
5.	Kang, KS, Kim, HS, Ryu, DY, Che, JH, and Lee, YS. (2000). Immature uterotrophic assay is more sensitive than ovariectomized uterotrophic assay for the detection of estrogenicity of pnonylphenol in Sprague-Dawley rats. <i>Toxicol Lett</i> 118(1-2): 109-15.		
6.	Danish Ministry of the Environment, Environmental Protection Agency. Survey of Chemical Substances in Consumer Products, Report 84, 2007. http://www.mst.dk/English/Chemicals/Consumer_Products/Surveys-on-chemicals-in-		

	consumer-products.htm
7.	Danish Ministry of the Environment, Environmental Protection Agency. Surveys on Chemicals in Consumer Products. Report 102, 2009.
8.	Dutch Inspectorate for Health Protection and Veterinary Public Health (VWA/KvW). Screening of Plastic Toys for Chemical Composition and Hazards, Report ND05o610/01, July
9.	Dutch Inspectorate for Health Protection and Veterinary Public Health (VWA/KvW). Screening of Plastic Toys for Chemical Composition and Hazards, Report ND05o610/01, July 2005.
10.	Calafat, AM, Kuklenyik, Z, Reidy, JA, Caudill, SP, Ekong, J, and Needham, LL. (2005). Urinary concentrations of bilphenol A and 4-nonylphenol in a human reference population. <i>Environ Health Perspect 113</i> : 391-5.

2604	26040-51-7 TBPH References		
1.	Bradman, A., et al., Flame retardant exposures in California early childhood education environments. <i>Chemosphere</i> , 2014. 116: p. 61-6.		
2.	Brown, F.R., et al., Levels of non-polybrominated diphenyl ether brominated flame retardants in residential house dust samples and fire station dust samples in California. <i>Environ Res</i> , 2014. 135: p. 9-14.		
3.	Dodson, R.E., et al., After the PBDE phase-out: a broad suite of flame retardants in repeat house dust samples from California. <i>Environ Sci Technol</i> , 2012. 46(24): p. 13056-66.		
4.	EPA, Flame Retardants Used in Flexible Polyurethane Foam: An Alternatives Assessment Update. 2015, Environmental Protection Agency.		
5.	EPA, TSCA Work Plan Chemical Technical Supplement - Use and Exposure of the Brominated Phthalates Cluster (BPC) Chemicals - Brominated Phthalates Cluster Flame Retardants. 2015, Office of Chemical Safety and Pollution Prevention. p. 54.		
6.	Hoffman, K., J.L. Daniels, and H.M. Stapleton, Urinary metabolites of organophosphate flame retardants and their variability in pregnant women. <i>Environ Int</i> , 2014. 63: p. 169-72.		
7.	Johnson, P.I., et al., Associations between brominated flame retardants in house dust and hormone levels in men. <i>Sci Total Environ</i> , 2013. 445-446: p. 177-84.		
8.	Liang-Ying Liu, K.H., Ronald A. Hites, and Amina Salamova, Hair and Nails as Noninvasive Biomarkers of Human Exposure to Brominated and Organophosphate Flame Retardants. <i>Environ. Sci. Technol.</i> 2016, 2016. 50: p. 3065–3073.		
9.	Liang-Ying Liu, K.H., Ronald A. Hites, and Amina Salamova, Hair and Nails as Noninvasive Biomarkers of Human Exposure to Brominated and Organophosphate Flame Retardants. <i>Environ. Sci. Technol.</i> 2016, 2016. 50: p. 3065–3073.		
10.	Patisaul, H.B., et al., Accumulation and endocrine disrupting effects of the flame retardant mixture Firemaster(R) 550 in rats: an exploratory assessment. J <i>Biochem Mol Toxicol</i> , 2013. 27(2): p. 124-36.		
11.	Peng, H.e.a., Detection, identification, and quantification of hydroxylated bis(2-ethylhexyl)-tetrabromophthalate isomers in house dust. <i>Environ Sci &amp; Technol</i> , 2015. 49(5): p. 2999-2006.		
12.	Shoeib, M., et al., Legacy and current-use flame retardants in house dust from Vancouver, Canada. <i>Environmental Pollution</i> , 2012. 169(0): p. 175-182.		

- 13. Springer, C., et al., Rodent thyroid, liver, and fetal testis toxicity of the monoester metabolite of bis-(2-ethylhexyl) tetrabromophthalate (tbph), a novel brominated flame retardant present in indoor dust. *Environ Health Perspect*, 2012. 120(12): p. 1711-9.
- 14. Stapleton, H.M., et al., Alternate and new brominated flame retardants detected in U.S. house dust. *Environ Sci Technol*, 2008. 42(18): p. 6910-6.
- 15. Stapleton, H.M., et al., Identification of flame retardants in polyurethane foam collected from baby products. *Environ Sci Technol*, 2011. 45(12): p. 5323-31.
- 16. Stapleton, H.M., et al., Novel and high volume use flame retardants in US couches reflective of the 2005 PentaBDE phase out. *Environ Sci Technol*, 2012. 46(24): p. 13432-9.
- 17. Zhou, S.N., et al., Measurements of selected brominated flame retardants in nursing women: implications for human exposure. *Environ Sci Technol*, 2014. 48(15): p. 8873-80.

#### 38051-10-4 V6 References

- 1. California, S.o. Chemicals Known to the State to Cause Cancer or Reproductive Toxicity. 2016 [cited 2016 August]; Available from: <a href="http://oehha.ca.gov/proposition-65/proposition-65-list">http://oehha.ca.gov/proposition-65/proposition-65-list</a>.
- 2. ECHA, 2,2-bis(chloromethyl) trimethylene bis[bis(2-chloroethyl) phosphate] (V6) Summary Risk Assessment Report. 2008, European Union: Ireland and United Kingdom.
- 3. ECHA, Brief Profiles: Tris(2-chloroethyl) phosphate. [accessed September 2016]. Available at <a href="https://echa.europa.eu/information-on-chemicals">https://echa.europa.eu/information-on-chemicals</a>.
- 4. Ecology, Flame Retardants in General Consumer and Children's Products. June 2014, Publication No. 14-04-021.
- 5. EPA, Flame Retardants Used in Flexible Polyurethane Foam: An Alternatives Assessment Update. 2015, U.S. Environmental Protection Agency.
- 6. EPA. Chemical Data Access Tool (CDAT) Chemical Data Reporting (CDR) information on the production and use of chemicals manufactured or imported into the United States. 2012; [accessed 10/30/2015] Available from: <a href="http://java.epa.gov/oppt\_chemical\_search/">http://java.epa.gov/oppt\_chemical\_search/</a>.
- 7. Fang, M., et al., Investigating a novel flame retardant known as V6: measurements in baby products, house dust, and car dust. *Environ Sci Technol*, 2013. 47(9): p. 4449-54.
- 8. Stapleton, H.M., et al., Identification of flame retardants in polyurethane foam collected from baby products. *Environ Sci Technol*, 2011. 45(12): p. 5323-31.

#### 68937-41-7 IPTPP References

- 1. EPA, Flame Retardants Used in Flexible Polyurethane Foam: An Alternatives Assessment Update. 2015, U.S. Environmental Protection Agency.
- 2. UK, Environment Agency, *Environmental risk evaluation report: Isopropylated triphenyl phosphate (CAS nos. 28108-99-8, 26967-76-0 & 68937-41-7).* 2009, Bristol, United Kingdom.
  - 3. EPA, ChemView file for CAS No. 68937-41-7. 2016. https://java.epa.gov/chemview.
- 4. EPA, Screening-Level Hazard Characterization: Sponsored chemical Isopropylated Triphenyl Phosphate. 2010. U.S. Environmental Protection Agency.
- 5. Chemtura, Safety Data Sheet Firemaster 550. Revision date 3/31/2015. Available from www.chempoint.com/products/download?grade=3990&type=msds
  - 6. Stapleton, H.M., et al., Identification of flame retardants in polyurethane foam collected

from baby products. Environ Sci Technol, 2011. 45(12): p. 5323-31.

- 7. Stapleton, H.M., et al., *Novel and high volume use flame retardants in US couches reflective of the 2005 PentaBDE phase out.* Environ Sci Technol, 2012. **46**(24): p. 13432-9.
- 8. Hoffman, K., et al., *High Exposure to Organophosphate Flame Retardants in Infants: Associations with Baby Products.* Environ Sci Technol, 2015. Dec 15;49 (24):14554-9.
- 9. Butt, C.M., et al., *Metabolites of organophosphate flame retardants and 2-ethylhexyl tetrabromobenzoate in urine from paired mothers and toddlers*. Environ Sci Technol, 2014. **48**(17): p. 10432-8.
- 10. Butt, C.H., K; Chen, A; Lorenzo, A; Congleton, J; Stapleton, HM, Regional comparison of organophosphate flame retardant (PFR) urinary metabolites and tetrabromobenzoic acid (TBBA) in mother-toddler pairs from California and New Jersey. Environment International, 2016. **94**: p. 627-34.

#### 84852-53-9 DBDPE References

- 1. Agency for Toxic Substances and Disease Registry (ATSDR). Toxicological Profile for Polybrominated Diphenyl Ethers (PBDEs). Draft September 2015. Available from: <a href="https://www.atsdr.cdc.gov/substances/toxsubstance.asp?toxid=183">www.atsdr.cdc.gov/substances/toxsubstance.asp?toxid=183</a>.
- 2. Brown, F.R., et al., Levels of non-polybrominated diphenyl ether brominated flame retardants in residential house dust samples and fire station dust samples in California. *Environ Res*, 2014. 135: p. 9-14.
- 3. California Environmental Contaminant Biomonitoring Program. List of Priority Chemicals, December 2015. Available at <a href="http://biomonitoring.ca.gov/sites/default/files/downloads/PriorityChemicalsList\_December2015.pdf">http://biomonitoring.ca.gov/sites/default/files/downloads/PriorityChemicalsList\_December2015.pdf</a>.
- 4. Cequier, E., et al., Comparing human exposure to emerging and legacy flame retardants from the indoor environment and diet with concentrations measured in serum. *Environ Int*, 2015. 74: p. 54-9.
- 5. Chen, S.J., et al., Brominated flame retardants in children's toys: concentration, composition, and children's exposure and risk assessment. *Environ Sci Technol*, 2009. 43(11): p. 4200-6.
- 6. Costa, L.G. and G. Giordano, Is decabromodiphenyl ether (BDE-209) a developmental neurotoxicant? *Neurotoxicology*, 2011. 32(1): p. 9-24.
- 7. Dodson, R.E., et al., After the PBDE phase-out: a broad suite of flame retardants in repeat house dust samples from California. *Environ Sci Technol*, 2012. 46(24): p. 13056-66.
- 8. Ecology, Consumer Product Testing Database: Available online at <a href="https://fortress.wa.gov/ecy/ptdbpublicreporting/">https://fortress.wa.gov/ecy/ptdbpublicreporting/</a>.
- 9. Ecology, Flame Retardants in General Consumer and Children's Products. June 2014, publication no. 14-04-021.
- 10. EPA Integrated Risk Information System (IRIS). Chemical Assessment Summary: 2,2',3,3',4,4',5,5',6,6'-Decabromodiphenyl ether (BDE-209) CASRN 1163-19-5. June 30, 2008. <a href="https://cfpub.epa.gov/ncea/iris2/chemicalLanding.cfm?substance\_nmbr=35">https://cfpub.epa.gov/ncea/iris2/chemicalLanding.cfm?substance\_nmbr=35</a>
- 11. EPA. An Alternatives Assessment for the Flame Retardant Decabromodiphenyl Ether (DecBDE). U.S. Environmental Protection Agency 2014; Available from: www.epa.gov/saferchoice/partnership-evaluate-flame-retardant-alternatives-decabde.

- EPA. Chemical Data Access Tool (CDAT) Chemical Data Reporting (CDR) information on the production and use of chemicals manufactured or imported into the United States. 2012 [accessed 10/30/2015]; Available from: <a href="http://java.epa.gov/oppt\_chemical\_search/">http://java.epa.gov/oppt\_chemical\_search/</a>.
   Health Canada and Environment Canada. Draft Screening Assessment: Decabromodiphenyl ethane (DBDPE), CASRN 84852-53-9. October 2016.
- 14. Johnson, P.I., et al., Associations between brominated flame retardants in house dust and hormone levels in men. *Sci Total Environ*, 2013. 445-446: p. 177-84.
- 15. Law, K., et al., Bioaccumulation and trophic transfer of some brominated flame retardants in a Lake Winnipeg (Canada) food web. *Environ Toxicol Chem*, 2006. 25(8): p. 2177-86.
- 16. Liu, L.Y., A. Salamova, and R.A. Hites, Halogenated flame retardants in baby food from the United States and from China and the estimated dietary intakes by infants. *Environ Sci Technol*, 2014. 48(16): p. 9812-8.
- 17. Mo, L., et al., Bioaccumulation of polybrominated diphenyl ethers, decabromodiphenyl ethane, and 1,2-bis(2,4,6-tribromophenoxy) ethane flame retardants in kingfishers (Alcedo atthis) from an electronic waste-recycling site in South China. *Environ Toxicol Chem*, 2012. 31(9): p. 2153-8.
- 18. Rice, D.C., et al., Developmental delays and locomotor activity in the C57BL6/J mouse following neonatal exposure to the fully-brominated PBDE, decabromodiphenyl ether. *Neurotoxicol Teratol*, 2007. 29(4): p. 511-20.
- 19. Schreder, E., La Guardia, M, Uding, N, Inhalation Exposure to Chlorinated Organophosphate Flame Retardants: Respirable vs. Inhalable intake, 2014. Washington Toxics Coalition
- 20. Stapleton, H.M., et al., Alternate and New Brominated Flame Retardants Detected in U.S. House Dust. *Environmental Science & Technology*, 2008. 42(18): p. 6910-6916.
- 21. Stuart, H., et al., Concentrations of brominated flame retardants in dust from United Kingdom cars, homes, and offices: causes of variability and implications for human exposure. *Environ Int*, 2008. 34(8): p. 1170-5.
- 22. Tseng, L.H., et al., Developmental exposure to decabromodiphenyl ether (PBDE 209): effects on thyroid hormone and hepatic enzyme activity in male mouse offspring. *Chemosphere*, 2008. 70(4): p. 640-7.
- 23. Tseng, L.H., et al., Postnatal exposure of the male mouse to 2,2',3,3',4,4',5,5',6,6'-decabrominated diphenyl ether: decreased epididymal sperm functions without alterations in DNA content and histology in testis. *Toxicology*, 2006. 224(1-2): p. 33-43.
- 24. UK Environment Agency, Environmental risk evaluation report: 1,1'-(Ethane-1,2-diyl)bis[penta-bromobenzene] (CAS: 84852-53-9). May 2007, United Kingdom, Environment Agency. ISBN: 978-1-84432-750-8.
- 25. Viberg, H., A. Fredriksson, and P. Eriksson, Changes in spontaneous behaviour and altered response to nicotine in the adult rat, after neonatal exposure to the brominated flame retardant, decabrominated diphenyl ether (PBDE 209). *Neurotoxicology*, 2007. 28(1): p. 136-42.
- 26. Viberg, H., et al., Neurobehavioral derangements in adult mice receiving decabrominated diphenyl ether (PBDE 209) during a defined period of neonatal brain development. *Toxicol Sci*, 2003. 76(1): p. 112-20.
- 27. Wang, F., et al., Comparative tissue distribution, biotransformation and associated biological effects by decabromodiphenyl ethane and decabrominated diphenyl ether in male rats after a

90-day oral exp	osure study. <i>I</i>	Environ Sci '	Technol	2010. 440	14): p. 5655-60.
Jo day oral chp	obuic bludy. L	Divilon Dei .	i cennon,	2010. 11(	1 1). p. 3033 00.

Zhou, S.N., et al., Measurements of selected brominated flame retardants in nursing women: implications for human exposure. *Environ Sci Technol*, 2014. 48(15): p. 8873-80.

	35-84-8 SCCP and 108171-26-2 Chlorinated paraffins References
1.	Darnerud, O.A., M.; Glynn, A.; Borgen, A., Chlorinated Paraffins in Swedish breast milk. 2012, National Food Agency and Norwegian Institute for Air Research.
2.	ECHA, Substance name: Alkanes, C10-13, chloro: EC number: 287-476-5; CAS number: 85535-84-8. Support Document for Identification of Alkanes, C10-13, Chloro As a Substance of Very High Concern. 2008, European Chemicals Agency. p. 36.
3.	Ecology, Concise Explanatory Statement and Responsiveness Summary for the Adoption of Chapter 173-333 WAC, Persistent, Bioaccumulative, Toxins. 2006.
4.	EPA, Short-Chained Chlorinated Paraffins (SCCPs) and Other Chlorinated Paraffins Action Plan. December 30, 2009, U.S. Environmental Protection Agency.
5.	NTP, Report on Carcinogens, Thirteenth Edition: Chlorinated Paraffins (C12, 60% Chlorine). October 2014. National Toxicology Program. <a href="https://ntp.niehs.nih.gov/go/roc13">https://ntp.niehs.nih.gov/go/roc13</a> .
6.	OEHHA. Proposition 65 list - Office of Environmental Health Hazard Assessment Safe Drinking Water and Toxic Enforcement Act of 1986. 2016 [accessed 10/13/2016]; Available from: <a href="http://oehha.ca.gov/media/downloads/crnr/p65single09302016.pdf">http://oehha.ca.gov/media/downloads/crnr/p65single09302016.pdf</a> .
7.	Thomas, G.O., et al., Short and medium chain length chlorinated paraffins in UK human milk fat. <i>Environ Int</i> , 2006. 32(1): p. 34-40.

1836	183658-27-7 TBB References		
1.	Bradman, A., et al., Flame retardant exposures in California early childhood education environments. <i>Chemosphere</i> , 2014. 116: p. 61-6.		
2.	Brown, F.R., et al., Levels of non-polybrominated diphenyl ether brominated flame retardants in residential house dust samples and fire station dust samples in California. <i>Environ Res</i> , 2014. 135: p. 9-14.		
3.	Butt, C.H., K; Chen, A; Lorenzo, A; Congleton, J; Stapleton, HM, Regional comparison of organophosphate flame retardant (PFR) urinary metabolites and tetrabromobenzoic acid (TBBA) in mother-toddler pairs from California and New Jersey. <i>Environment International</i> , 2016. 94: p. 627-34.		
4.	Butt, C.M., et al., Metabolites of organophosphate flame retardants and 2-ethylhexyl tetrabromobenzoate in urine from paired mothers and toddlers. <i>Environ Sci Technol</i> , 2014. 48(17): p. 10432-8.		
5.	Carignan, C.C., et al., Flame Retardant Exposure among Collegiate United States Gymnasts. <i>Environmental Science &amp; Technology</i> , 2013. 47(23): p. 13848-13856.		
6.	Dodson, R.E., et al., After the PBDE phase-out: a broad suite of flame retardants in repeat house dust samples from California. <i>Environ Sci Technol</i> , 2012. 46(24): p. 13056-66.		
7.	EPA, Flame Retardants Used in Flexible Polyurethane Foam: An Alternatives Assessment Update. 2015, Environmental Protection Agency.		

EPA, Furniture Flame Retardancy Partnership: Profiles of Chemical Flame-Retardant Alternatives for Low-Density Polyurethane Foam. 2005, EPA: Washington, D.C. p. 153. EPA, TSCA Work Plan Chemical Technical Supplement - Use and Exposure of the Brominated Phthalates Cluster (BPC) Chemicals - Brominated Phthalates Cluster Flame Retardants. 2015, Environmental Protection Agency, Office of Chemical Safety and Pollution Prevention. p. 54. EPA, Chemical Data Access Tool (CDAT) - Chemical Data Reporting (CDR) information on 10. the production and use of chemicals manufactured or imported into the United States. 2012; [accessed 10/30/2015] Available from: http://java.epa.gov/oppt\_chemical\_search/. 11. Hoffman, K., et al., Urinary tetrabromobenzoic acid (TBBA) as a biomarker of exposure to the flame retardant mixture Firemaster(R) 550. Environ Health Perspect, 2014. 122(9): p. 963-9. Johnson, P.I., et al., Associations between brominated flame retardants in house dust and 12. hormone levels in men. Sci Total Environ, 2013. 445-446: p. 177-84. La Guardia, M.J. and R.C. Hale, Halogenated flame-retardant concentrations in settled dust, 13. respirable and inhalable particulates and polyurethane foam at gymnastic training facilities and residences. Environ Int, 2015. 79: p. 106-14. Patisaul, H.B., et al., Accumulation and endocrine disrupting effects of the flame retardant 14. mixture Firemaster(R) 550 in rats: an exploratory assessment. J Biochem Mol Toxicol, 2013. 27(2): p. 124-36. Shoeib, M., et al., Legacy and current-use flame retardants in house dust from Vancouver, 15. Canada. *Environmental Pollution*, 2012. 169(0): p. 175-182. 16. Stapleton, H.M., et al., Alternate and new brominated flame retardants detected in U.S. house dust. Environ Sci Technol, 2008. 42(18): p. 6910-6. Stapleton, H.M., et al., Identification of flame retardants in polyurethane foam collected from 17. baby products. *Environ Sci Technol*, 2011. 45(12): p. 5323-31.

Zhou, S.N., et al., Measurements of selected brominated flame retardants in nursing women:

implications for human exposure. Environ Sci Technol, 2014. 48(15): p. 8873-80.

18.

## References for delisted CHCCs in numerical order by CAS Number

85-4	85-44-9 Phthalic Anhydride References		
1.	American Chemistry Council (ACC). Children's Safe Products Reporting Rule, Chapter 173-334 WAC - Review of the inclusion of phthalic anhydride on the existing list of Chemicals of High Concern to Children (WAC-173-334-130), September 15, 2016.		
2.	California EPA, Office of Environmental Health Hazard Assessment (OEHHA).  Determination of Non-cancer Chronic Reference Exposure Levels, December 2001, p 453. <a href="http://oehha.ca.gov/media/downloads/crnr/appendixd3final.pdf">http://oehha.ca.gov/media/downloads/crnr/appendixd3final.pdf</a>		
3.	Danish Ministry of the Environment, Environmental Protection Agency. Surveys on Chemicals in Consumer Products. Report 60, 2005 <a href="http://eng.mst.dk/topics/chemicals/consumersconsumer-products/danish-surveys-on-consumer-products/">http://eng.mst.dk/topics/chemicals/consumersconsumer-products/</a>		
4.	ECHA. REACH Registration Dossier – Phthalic Anhydride. Classification & Labelling & PBT Assessment. Available at <a href="https://echa.europa.eu/registration-dossier/-/registered-dossier/15845/1">https://echa.europa.eu/registration-dossier/-/registered-dossier/15845/1</a>		
5.	Ecology, 2011, Process used to generate the CSPA reporting list. Available at the bottom of: <a href="https://www.ecy.wa.gov/programs/hwtr/rtt/cspa/chcc.html">www.ecy.wa.gov/programs/hwtr/rtt/cspa/chcc.html</a>		
6.	<u>United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS).</u> https://ec.europa.eu/growth/sectors/chemicals/classification-labelling_en		

556	67-2 D4 References
1.	American Chemistry Council – Silicones Environmental Health and Safety Center presentation on D4 to the Department of Ecology on November 14, 2016. ACC Presentation: <a href="https://www.ecy.wa.gov/programs/hwtr/laws_rules/CSP_ReportingRule/pdfs/D4slides.pdf">www.ecy.wa.gov/programs/hwtr/laws_rules/CSP_ReportingRule/pdfs/D4slides.pdf</a>
2.	Danish Ministry of the Environment, Environmental Protection Agency. Survey of Chemical Substances in Consumer Products, Report 88, 2007.  www.mst.dk/English/Chemicals/Consumer_Products/Surveys-on-chemicals-in-consumer-products.htm
3.	DHI Water and Environment for DG Environment (2006). Study on enhancing the Endocrine Disruptor priority list with a focus on low production volume chemicals <a href="http://ec.europa.eu/environment/chemicals/endocrine/pdf/final_report_2007.pdf">http://ec.europa.eu/environment/chemicals/endocrine/pdf/final_report_2007.pdf</a>
4.	Ecology, 2011, Phase I of process used to generate the CSPA reporting list. Available at the bottom of: <a href="https://www.ecy.wa.gov/programs/hwtr/rtt/cspa/chcc.html">www.ecy.wa.gov/programs/hwtr/rtt/cspa/chcc.html</a>
5.	European Chemicals Agency (2013) D4 PBT/vPvB EVALUATION <a href="https://echa.europa.eu/documents/10162/13628/octamethyl_pbtsheet_en.pdf">https://echa.europa.eu/documents/10162/13628/octamethyl_pbtsheet_en.pdf</a>
6.	European Commission, Endocrine disruptor priority list. Available at: <a href="http://ec.europa.eu/environment/chemicals/endocrine/strategy/substances_en.htm">http://ec.europa.eu/environment/chemicals/endocrine/strategy/substances_en.htm</a>
7.	He, B, Rhodes-Brower, S, Miller, MR, Munson, AE, Germolec, DR, Walker, VR, Korach, KS, and Meade, BJ, (2003). Octamethylcyclotetrasiloxane exhibits estrogenic activity in mice via ER alpha. <i>Toxicol Appl Pharmacol</i> 192(3): 254-61.
8.	Lee D, Ahn C, An BS, Jeung EB. (2015) Induction of the estrogenic marker calbindn-d <sub>9</sub> k by

	octamethylcyclotetrasiloxane. Int J Environ Res Public Health 12:14610-25
9.	McKim, JM, Wilga, PC, Breslin, WJ, Plotzke, KP, Gallavan, RH, and Meeks, RG. (2001) Potential estrogenic and androgenic activity of the cyclic siloxane octamethylcyclotetrasiloxane (D4) and the linear siloxane hexamethyldisiloxane (HDMS) in immature rats using the uterotrophic assay. <i>Toxicological Sciences</i> 63: 37-46.
10.	Quinn, AL, et al. (2007). In vitro and in vivo evaluation of the estrogenic, androgenic, and progestagenic potential of two cyclic siloxanes. <i>Toxicological Sciences</i> 96(1): 145-53.

7439-98-7 Molybdenum References		
1.	Centers for Disease Control and Prevention (CDC), Fourth National Report on Human Exposure to Environmental Chemicals, December 2009.  www.cdc.gov/exposurereport/data_tables/	
2.	Danish Ministry of the Environment, Environmental Protection Agency. Surveys on Chemicals in consumer products. Report 84.  www.mst.dk/English/Chemicals/Consumer_Products/Surveys-on-chemicals-in-consumer-products.htm	
3.	Ecology, 2011, Phase I of process used to generate the CSPA reporting list. Available at the bottom of: <a href="https://www.ecy.wa.gov/programs/hwtr/rtt/cspa/chcc.html">www.ecy.wa.gov/programs/hwtr/rtt/cspa/chcc.html</a>	
4.	International Molybdenum Association (IMOA). Molybdenum and compounds – Request to consider removal from the CPSR CHCC list. September 9, 2016.	
5.	REPROTEXT, "Molybdenum" in REPROTEXT Database Version 5.1 Greenwood Village, CO: Thomson Reuters (Healthcare) Inc. (accessed 2009).	