

## Diisodecyl Phthalate (DIDP) Reference List

### Contents

Data Sets .....	2
Regulatory Assessments .....	3
Independent Party / Authoritative Assessments .....	3
Search Parameters and Results for Diisononyl Phthalate .....	5
<u>    </u> Search Terms and Databases .....	5
<u>    </u> Search Results and EndNote .....	5
<u>    </u> HERO References .....	6
Full Search Results .....	8

## Data Sets

The following data sets are provided to the US EPA as reference material for the risk evaluation of DIDP:

1. Centers for Disease Control and Prevention (CDC). 2018. National Health and Nutrition Examination Survey. <https://www.cdc.gov/nchs/nhanes/index.htm>. Last Accessed 11-27-2018.
2. Centers for Disease Control and Prevention (CDC). 2018. Fourth National Report on Human Exposure to Environmental Chemicals. Updated Tables, March 2018, Volume One. <https://www.cdc.gov/exposurereport/>
3. Centers for Disease Control and Prevention (CDC). 2018. NHANES 2015-2016 Laboratory Data. <https://www.cdc.gov/nchs/nhanes/search/datapage.aspx?Component=Laboratory&CycleBeginYear=2015>. European Chemicals Agency (ECHA). 2018. 1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich. CAS Number: 68515-49-1. <https://echa.europa.eu/substance-information/-/substanceinfo/100.064.609>. Last Accessed 11-27-2018.
4. European Chemicals Agency (ECHA). 2018. Di-"isodecyl" phthalate. CAS Number: 26761-40-0. <https://echa.europa.eu/substance-information/-/substanceinfo/100.043.601>. Last Accessed 11-27-2018.
5. Martino-Andrade AJ, Liu F, Sathyanarayana S, Barrett ES, Redmon J, Nguyen RH, Levine H, Swan SH; TIDES Study Team. Timing of prenatal phthalate exposure in relation to genital endpoints in male newborns. *Andrology*. 2016 Jul;4(4):585-93. doi: 10.1111/andr.12180. Epub 2016 Apr 7. <https://www.ncbi.nlm.nih.gov/pubmed/27062102>
6. Study for Future Families Biomonitoring Data, attached to email from F. Liu, University of Rochester Medical College to S. Swan and C. Gennings (Feb. 07 2011), <https://www.cpsc.gov/s3fs-public/SFF-Biomonitoring-Data.pdf>.
7. Swan, S; Calafat, A; Kruse, R; Lasley, B; Redmon, B; Sparks, A; Wang, C. 2007. Final Report: Study of Phthalates in Pregnant Woman and Children (Study for Future Families (SFF)). EPA Grant Number: R829436. [https://cfpub.epa.gov/ncer\\_abstracts/index.cfm/fuseaction/display.highlight/abstract/1950/report/F](https://cfpub.epa.gov/ncer_abstracts/index.cfm/fuseaction/display.highlight/abstract/1950/report/F). Last Accessed 1-7-2019.
8. Swan SH, Sathyanarayana S, Barrett ES, Janssen S, Liu F, Nguyen RH, Redmon JB; TIDES Study Team. First trimester phthalate exposure and anogenital distance in newborns. *Hum Reprod*. 2015 Apr;30(4):963-72. doi: 10.1093/humrep/deu363. Epub 2015 Feb 18. <https://www.ncbi.nlm.nih.gov/pubmed/25697839>

## Regulatory Assessments

The following references are hazard or risk assessments previously conducted by governmental agencies:

1. Australian Government National Industrial Chemicals Notification and Assessment Scheme (NICNAS). 2008. Diisodecyl phthalate. Priority Existing Chemical Assessment Report No. 39. May 2015.  
[https://www.nicnas.gov.au/\\_data/assets/word\\_doc/0003/39549/DIDP-hazard-assessment.docx](https://www.nicnas.gov.au/_data/assets/word_doc/0003/39549/DIDP-hazard-assessment.docx). Last Accessed 11-27-2018.
2. Australian Government National Industrial Chemicals Notification and Assessment Scheme (NICNAS). 2015. Diisodecyl phthalate and Di-n-octyl phthalate. Existing Chemical Hazard Assessment Report. May 2015.  
[https://www.nicnas.gov.au/\\_data/assets/word\\_doc/0004/34843/PEC39-Diisodecyl-phthalate-and-Di-n-octyl-phthalate.docx](https://www.nicnas.gov.au/_data/assets/word_doc/0004/34843/PEC39-Diisodecyl-phthalate-and-Di-n-octyl-phthalate.docx). Last Accessed 11-27-2018.
3. California Office of Environmental Health Hazard Assessment (OEHHA). 2007. Proposition 65: Notice to Interested Parties: Chemical Listed Effective April 20, 2007 as Known to the State of California to cause Reproductive Toxicity: Di-isodecyl Phthalate (DIDP). <https://oehha.ca.gov/media/downloads/proposition-65/chemicals/42007notice20diisodecyl20phthalate.pdf>
4. California Office of Environmental Health Hazard Assessment (OEHHA). 2010. Proposition 65 Maximum Allowable Dose Level (MADL) for Reproductive Toxicity for Di-isodecyl Phthalate (DIDP).  
<https://oehha.ca.gov/media/downloads/crn/didpmaxdlfinalrisk042310.pdf>.
5. Committee for Risk Assessment (RAC). 2013. Opinion on the ECHA's draft review report on "Evaluation of new scientific evidence concerning DINP and DIDP in relation to entry 52 of Annex XVII to Regulation (EC) No 1907/2006 (REACH)."  
ECHA/RAC/A77-O-0000001412-86-10/F. 8 March 2013.  
[https://echa.europa.eu/documents/10162/13579/rac\\_opinion\\_dinp\\_didp\\_en.pdf/f54e95e0-c116-4f31-a52d-e6f680e3ebc6](https://echa.europa.eu/documents/10162/13579/rac_opinion_dinp_didp_en.pdf/f54e95e0-c116-4f31-a52d-e6f680e3ebc6). Last Accessed 11/21/2018.
6. Consumer Product Safety Commission Staff. 2010. Toxicity review of DIDP.  
<https://www.cpsc.gov/s3fs-public/toxicityDIDP.pdf>. Last Accessed 11-28-2018.
7. Consumer Product Safety Commission Staff. 2010. Review of Exposure Data and Assessments for Select Dialkyl Ortho-phthalates. <https://www.cpsc.gov/s3fs-public/pthalexp.pdf>. Last Accessed 11-24-2018.
8. Consumer Product Safety Commission Staff. 2010. Overview of dialkyl o-phthalates Toxicity Memo. <https://www.cpsc.gov/s3fs-public/phthalover.pdf>. Last Accessed 11-23-2018.
9. Consumer Product Safety Commission Staff. 2010. Phthalate and Phthalate Substitutes in Children's Toys. <https://www.cpsc.gov/s3fs-public/phthallab.pdf>. Last Accessed 11-23-2018.
10. Consumer Product Safety Commission Staff. 2014. Chronic Hazard Advisory Panel on Phthalates and Phthalate Alternatives Final Report (2014). <https://www.cpsc.gov/s3fs-public/CHAP-REPORT-With-Appendices.pdf>. Last Accessed 11-21-2018.

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

11. Consumer Product Safety Commission Staff. 2015. Estimated Phthalate Exposure and Risk to Pregnant Women and Women of Reproductive Age as Assessed Using Four NHANES Biomonitoring Data Sets (2005/2006, 2007/2008, 2009/2010, 2011/2012). <https://www.cpsc.gov/s3fs-public/NHANES-Biomonitoring-analysis-for-Commission.pdf>. Last Accessed 11-21-2018.
12. Consumer Product Safety Commission Staff. 2017. Estimated Phthalate Exposure and Risk to Women of Reproductive Age as Assessed Using 2013 2014 NHANES Biomonitoring Data. <https://www.cpsc.gov/s3fs-public/Estimated%20Phthalate%20Exposure%20and%20Risk%20to%20Women%20of%20Reproductive%20Age%20as%20Assessed%20Using%202013%202014%20NHANES%20Biomonitoring%20Data.pdf>. Last Accessed 11-21-2018.
13. Consumer Product Safety Commission. 2018. Chronic Hazard Advisory Panel Meetings, Teleconferences and Other Meetings Related to the CHAP, and Correspondence. <https://www.cpsc.gov/chap>. Last Accessed 11-21-2018.
14. Consumer Product Safety Commission. 2014. Chronic Hazard Advisory Panel on phthalates and phthalate alternatives (with appendices) Bethesda, MD: U.S. Consumer Product Safety Commission, Directorate for Health Sciences. [HERO ID: 2439960](#)
15. Consumer Product Safety Commission (CPSC). 2017. Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates. October 2017, 82 Fed. Reg. 49938.
16. Environment Canada and Health Canada. State of the Science Report. 2015. Phthalate Substance Grouping 1,2-Benzenedicarboxylic acid, diisononyl ester 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich (Diisononyl Phthalate; DINP). [http://ec.gc.ca/ese-ees/47F58AA5-57BE-4869-A128-587DEADCAAD8/SoS\\_Phthalates%20%28DINP%29\\_EN.pdf](http://ec.gc.ca/ese-ees/47F58AA5-57BE-4869-A128-587DEADCAAD8/SoS_Phthalates%20%28DINP%29_EN.pdf) Last Accessed 11-27-2018.
17. Environment and Climate Change Canada. 2017. Draft Screening Assessment Phthalate Substance Grouping. <http://www.ec.gc.ca/ese-ees/default.asp?lang=En&n=1E5B3C8F-1>. Last Accessed 10-10-2018.
18. European Chemicals Bureau. 2003. European Union Risk Assessment Report on 1,2-benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich and di-“isodecyl” phthalate (DIDP). <https://echa.europa.eu/documents/10162/190cf4c4-b597-4534-9b71-f79fce55050b>. Last Accessed 11-21-2018.
19. European Chemicals Agency (ECHA). 2013. Evaluation of new scientific evidence concerning DINP and DIDP in relation to entry 52 of Annex XVII to REACH Regulation (EC) No 1907/2006. August 2013. <https://echa.europa.eu/documents/10162/31b4067e-de40-4044-93e8-9c9ff1960715>. Last Accessed 11-21-2018.
20. U.S. National Toxicology Program. 2003. NTP-CERHR Monograph on the Potential Human Reproductive and Developmental Effects of Di-Isodecyl Phthalate (DIDP). NIH Publication No. 03-4485. <https://www.cpsc.gov/s3fs-public/nihDIDP042003.pdf>. Last Accessed 11-27-2018.
21. U.S. EPA. 2010. Screening-level hazard characterization. Phthalate esters category. Last Accessed 12-07-2018. [https://hero.epa.gov/hero/index.cfm/reference/details/reference\\_id/3662948](https://hero.epa.gov/hero/index.cfm/reference/details/reference_id/3662948)

## **Independent Party / Authoritative Assessments**

The following references are hazard or risk assessments conducted by scientific organizations. These scientific organizations do not make law or regulation, but they are considered to be “authoritative bodies” whose work is highly regarded.

1. National Academies of Sciences, Engineering, and Medicine. 2017. Application of Systematic Review Methods in an Overall Strategy for Evaluating Low-Dose Toxicity from Endocrine Active Chemicals. Washington, DC: The National Academies Press. <https://doi.org/10.17226/24758>. Last Accessed 11-21-2018.

## **Search Parameters and Results for Diisodecyl phthalate**

### **Search Terms and Databases**

In order to provide the US EPA with all relevant information to conduct the manufacturer requested risk evaluation, an extensive literature was conducted for DIDP. The following sources and search terms were used to locate potentially relevant literature for diisodecyl phthalate (DIDP):

#### **Search Terms**

diisodecyl phthalate  
di-"isodecyl" phthalate  
di-isodecyl phthalate  
di (isodecyl) phthalate  
Jayflex  
DIDP  
26761-40-0  
68515-49-1

#### **Sources and Dates Searched**

PubMed<sup>1</sup> (3/14/2019)  
Web of Science<sup>2</sup> (3/14/2019)  
Federal Register<sup>3</sup> (1/03/2019)  
EPA Health and Environmental Research Online (HERO)<sup>4</sup> (3/14/2019)

### **Search Results and EndNote**

The results for each search term and from each source was imported into EndNote, a reference management software available to the US EPA. An EndNote library entitled “EndNote DIDP

---

<sup>1</sup> PubMed: <https://www.ncbi.nlm.nih.gov/pubmed/>

<sup>2</sup> Web of Science: <https://apps.webofknowledge.com/>

<sup>3</sup> Federal Register: <https://www.federalregister.gov/>

<sup>4</sup> HERO: <https://hero.epa.gov/hero/index.cfm/content/home>

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

Final Reference Library 3-15-19.” was created. A total of 880 references were located from each database:

- PubMed - 188
- Web of Science – 241
- Federal Register – 51
- HERO - 400

The EndNote software was used to remove 401 duplicate entries. Because different databases use slightly different formats, EndNote was unable to identify all duplicates automatically. The references were manually examined and 71 additional duplicate references were deleted; a reference with both an accession number and HERO ID number was retained over a reference with only an accession number. In total, 408 unique references were identified and can be found in the EndNote library and are listed below.

Citations in this document may have additional data in the corresponding EndNote library and the reader is encouraged to view the full EndNote library submitted to EPA’s Central Data Exchange (CDX) or use the HERO ID or Accession Number to locate the reference. The EndNote library was submitted to CDX in a file entitled: “EndNote DIDP Final Reference Library 3-15-19.”

A note on the EndNote Library: The information labeled “Accession Number” can be used to locate the reference in its respective database:

- The “Accession Number” can be used to locate the record in either the “Web of Science” database (numbers starting with WOS:) or PubMed (numbers without “WOS:” are the PMID number).
- The information after “HERO ID” in the citations or in the “Label” column in the EndNote library can be used to search the HERO database.

### **HERO References**

The US EPA maintains an online database of scientific studies and references online entitled “Health and Environmental Research Online” (HERO). The database is searchable by the public and can be accessed at: <https://hero.epa.gov/hero/index.cfm/content/home>. The ability to export HERO search results as a .ris file and import the file into EndNote was not working at the time of the original filing. However, the USEPA has restored that function and it was used to import HERO references. The method used to import HERO search results into EndNote resulted in the loss of some metadata (e.g. HERO ID hyperlinks). The HERO ID hyperlinks allow the US EPA and the public to be directed to the full citation on the HERO website. Therefore, the HERO search results were extracted into an Excel spreadsheet and submitted to CDX with our manufacturer request for risk evaluation as an additional method to identify studies in possession of the US EPA and to determine whether a record is a technical report or peer reviewed literature.

The HERO database was searched for the search terms below using the “Find publications with exact phrase” function. The number of records recovered from each search term are indicated after the term in brackets ().

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

- diisodecyl phthalate (79)
- di-"isodecyl" phthalate (56)
- di-isodecyl phthalate (56)
- di (isodecyl) phthalate (56)
- Jayflex (2)
- DIDP (131)
- 26761-40-0 (17)
- 68515-49-1 (3)

The resulting records were combined into a single Excel spreadsheet and HERO ID numbers were compared and any duplicate records were removed. There were a total of 198 unique HERO ID records located in the HERO database. Since the purpose of this table was make it easier for the US EPA to locate and obtain records in their possession, all unique HERO ID numbers were retained; there may be entries that appear to be duplicate (e.g. the same title and authors, but unique HERO ID numbers), The spreadsheet can be found in the CDX as the Excel file labeled "HERO Results for DIDP with Duplicate HERO ID Removed 3-15-19".

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

### Full Search Results

- (1992). DI-ISONONYL PHTHALATE AND DI-ISODECYL PHTHALATE: DERMAL SENSITIZATION TEST IN THE GUINEA PIG (BUEHLER METHOD) (FINAL REPORTS) WITH COVER LETTER DATED 111292. (TSCATS/431115)EXXON BIOMEDICAL SCIENCES INC. Report. **HERO ID: 1325469.**
- (1993). INITIAL SUBMISSION: PRELIMINARY RESULTS OF SCREENING PRENATAL TOXICITY STUDY FOR 4 PHTHALATES BY LETTER FROM BASF CORP TO USEPA DATED 122293. (TSCATS/441115)MONSANTO ENVIR SCI SEC. Report. **HERO ID: 1325530.**
- (1994) *Upgrades to Bulk Hazardous Materials Tables; Final Rule DEPARTMENT OF TRANSPORTATION* 8/31/1994 Type of Entry: Uncategorized Document, **Federal Register 94-20717**, Retrieved from: <https://www.federalregister.gov/documents/1994/08/31/94-20717/upgrades-to-bulk-hazardous-materials-tables-final-rule-department-of-transportation>
- (2000). Center For The Evaluation of Risks to Human Reproduction: NTP-CERHR Expert Panel Report on Di(2-Ethylhexyl) Phthalate. (NTPCERHRDEHP00)National Toxicology Program Research Triangle Park(HHSNTP). Report. **HERO ID: 808679.**
- (2000). Center For The Evaluation Of Risks To Human Reproduction: NTP-CERHR Expert Panel Report on Di-Isononyl Phthalate. (NTPCERHRDINP00)National Toxicology Program Research Triangle Park(HHSNTP). Report. **HERO ID: 808681.**
- (2000). Center For The Evaluation Of Risks To Human Reproduction: NTP-CERHR Expert Panel Report on Di-n-Hexyl Phthalate. (NTPCERHRDNHP00)National Toxicology Program Research Triangle Park(HHSNTP). Report. **HERO ID: 808682.**
- (2000). Center For The Evaluation Of Risks To Human reproduction: NTP-CERHR Expert Panel Report on Di-n-Octyl Phthalate. (NTPCERHRDNOP00)National Toxicology Program Research Triangle Park(HHSNTP). Report. **HERO ID: 808683.**
- (2000). FOUR FINAL MUTAGENICITY REPORTS REGARDING DIISONONYL PHTHALATE, DI-(HEPTYL,NONYL,UNDECYL) PHTHALATES, DIISODECYL PHTHALATE AND DIUNDECYL PHTHALATE. (TSCATS/204556)HAZLETON BIOTECH CO. Report. **HERO ID: 2753890.**
- Abb, M., et al. (2009). Phthalates in house dust. *Environment International*, 35(6), 965-970. doi:10.1016/j.envint.2009.04.007. **Accession Number: 19446334. HERO ID: 679857.**
- Abe, Y., et al. (2011). [Test method for 6 phthalates in polyvinyl chloride]. *Shokohin Eiseigaku Zasshi / Journal of the Food Hygienic Society of Japan*, 52(5), 309-313. **Accession Number: 22200751. HERO ID: 1325361.**
- Abe, Y., et al. (2012). [Survey of plasticizers in polyvinyl chloride toys]. *Shokohin Eiseigaku Zasshi / Journal of the Food Hygienic Society of Japan*, 53(1), 19-27. **Accession Number: 22450665. HERO ID: 1311709.**
- Abolhassani, N., et al. (2010). NUDT16 and ITPA play a dual protective role in maintaining chromosome stability and cell growth by eliminating diDP/IDP and diTP/ITP from nucleotide pools in mammals. *Nucleic Acids Res*, 38(9), 2891-903. doi:10.1093/nar/gkp1250. **Accession Number: 20081199.**
- Abreu, S.B.E., et al. (2010). Density of Diisodecyl Phthalate at Temperatures from (283.15 to 363.15) K and Pressures from (0.1 to 65) MPa. *Journal of Chemical and Engineering Data*, 55(9), 3525-3531. doi:10.1021/je1001413. **Accession Number: WOS:000281567000099.**
- Adams, W.J., et al. (1995). A summary of the acute toxicity of 14 phthalate esters to representative aquatic organisms. *Environmental Toxicology and Chemistry*, 14(9), 1569-1574. doi:10.1002/etc.5620140916. **HERO ID: 1321996.**
- Agency, E.P. (1994) *Notice of Receipt of Requests to Voluntarily Cancel Certain Pesticide Registrations* 8/17/1994 Type of Entry: Uncategorized Document, **Federal Register 94-19780**, Retrieved from: <https://www.federalregister.gov/documents/1994/08/17/94-19780/notice-of-receipt-of-requests-to-voluntarily-cancel-certain-pesticide-registrations>
- Agency, E.P. (1996) *National Emission Standards for Hazardous Air Pollutants; Revision of Initial List of Categories of Sources and Schedule for Standards Under Sections 112(c) and (e) of the Clean Air Act Amendments of 1990* 6/4/1996 Type of Entry: Notice, **Federal Register 96-13824**, Retrieved from: <https://www.federalregister.gov/documents/1996/06/04/96-13824/national-emission-standards-for-hazardous-air-pollutants-revision-of-initial-list-of-categories-of>
- Agency, E.P. (2000) *Voluntary Children's Chemical Evaluation Program* 12/26/2000 Type of Entry: Notice, **Federal Register 00-32767**, Retrieved from: <https://www.federalregister.gov/documents/2000/12/26/00->



## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

- 32767/voluntary-childrens-chemical-evaluation-program
18. Agency, E.P. (2012) *Notice of Receipt of Requests To Voluntarily Cancel Certain Pesticide Registrations* 9/19/2012 Type of Entry: Notice, **Federal Register 2012-22970**, Retrieved from: <https://www.federalregister.gov/documents/2012/09/19/2012-22970/notice-of-receipt-of-requests-to-voluntarily-cancel-certain-pesticide-registrations>
  19. Agency, E.P. (2012) *Product Cancellation Order for Certain Pesticide Registrations* 10/17/2012 Type of Entry: Notice, **Federal Register 2012-25426**, Retrieved from: <https://www.federalregister.gov/documents/2012/10/17/2012-25426/product-cancellation-order-for-certain-pesticide-registrations>
  20. Agency, E.P. (2012) *Benzidine-Based Chemical Substances; Di-n* 3/28/2012 Type of Entry: Proposed Rule, **Federal Register 2012-7208**, Retrieved from: <https://www.federalregister.gov/documents/2012/03/28/2012-7208/benzidine-based-chemical-substances-di-n>
  21. Agency, E.P. (2013) *Product Cancellation Order for Certain Pesticide Registrations* 4/24/2013 Type of Entry: Notice, **Federal Register 2013-09553**, Retrieved from: <https://www.federalregister.gov/documents/2013/04/24/2013-09553/product-cancellation-order-for-certain-pesticide-registrations>
  22. Agency, E.P. (2014) *Discarded Polyvinyl Chloride; TSCA Section 21 Petition; Reasons for Agency Response* 10/31/2014 Type of Entry: Proposed Rule, **Federal Register 2014-25849**, Retrieved from: <https://www.federalregister.gov/documents/2014/10/31/2014-25849/discarded-polyvinyl-chloride-tsca-section-21-petition-reasons-for-agency-response>
  23. Agency, E.P. (2018) *Notice of Receipt of Requests To Voluntarily Cancel Certain Pesticide Registrations and Amend Registrations To Terminate Certain Uses* 3/6/2018 Type of Entry: Notice, **Federal Register 2018-04531**, Retrieved from: <https://www.federalregister.gov/documents/2018/03/06/2018-04531/notice-of-receipt-of-requests-to-voluntarily-cancel-certain-pesticide-registrations-and-amend>
  24. Agency, E.P. (2018) *Product Cancellation Order for Certain Pesticide Registrations and Amendments To Terminate Uses* 5/31/2018 Type of Entry: Notice, **Federal Register 2018-11731**, Retrieved from: <https://www.federalregister.gov/documents/2018/05/31/2018-11731/product-cancellation-order-for-certain-pesticide-registrations-and-amendments-to-terminate-uses>
  25. Agency, E.P. (2018) *A Working Approach for Identifying Potential Candidate Chemicals for Prioritization; Notice of Availability* 10/5/2018 Type of Entry: Notice, **Federal Register 2018-21747**, Retrieved from: <https://www.federalregister.gov/documents/2018/10/05/2018-21747/a-working-approach-for-identifying-potential-candidate-chemicals-for-prioritization-notice-of>
  26. Ahmad, S., et al. (2017). Molecular docking reveals the potential of phthalate esters to inhibit the enzymes of the glucocorticoid biosynthesis pathway. *Journal of Applied Toxicology*, 37(3), 265-277. doi:10.1002/jat.3355. **Accession Number: 27427409. HERO ID: 3859107.**
  27. Al Motari, M.M., et al. (2007). Density and viscosity of diisodecyl phthalate C<sub>6</sub>H<sub>4</sub>(COOC<sub>10</sub>H<sub>21</sub>)<sub>2</sub>, with nominal viscosity at T=298 K and p=0.1 MPa of 87 mPa center dot s, at temperatures from (298.15 to 423.15) K and pressures up to 70 MPa. *Journal of Chemical and Engineering Data*, 52(4), 1233-1239. doi:10.1021/je600562n. **Accession Number: WOS:000247966800016.**
  28. Al-Natsheh, M., et al. (2015). Simultaneous GC-MS determination of eight phthalates in total and migrated portions of plasticized polymeric toys and childcare articles. *Journal of Chromatography B, Analytical Technologies in the Biomedical and Life Sciences*, 985C, 103-109. doi:10.1016/j.jchromb.2015.01.010. **Accession Number: 25667041. HERO ID: 2807609.**
  29. Anonymous. (1982). Information Profiles on Potential Occupational Hazards: Phthalates. (NIOSH/00188272) Anonymous. Report. **HERO ID: 2049466.**
  30. Anonymous. (2003). 1,2-Benzenedicarboxylic acid, Di-C<sub>9</sub>-11-Branched alkyl esters, C<sub>10</sub>-Rich and Di-"isodecyl"phthalate (DIDP). (RISKLINE/2004030013) Anonymous. Report. **HERO ID: 1588746.**
  31. Armstrong, D.L., et al. (2018). Effect of Cambi Thermal Hydrolysis Process-Anaerobic Digestion Treatment on Phthalate Plasticizers in Wastewater Sludge. *Environmental Engineering Science*, 35(3), 210-218. doi:10.1089/ees.2017.0207. **HERO ID: 4728684.**
  32. Armstrong, D.L., et al. (2018). Fate of four phthalate plasticizers under various wastewater treatment processes. *Journal of Environmental Science and Health, Part A: Toxic/Hazardous Substances & Environmental Engineering*, 1-8. doi:10.1080/10934529.2018.1474580. **Accession Number: 29775422. HERO ID: 4829336.**

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

33. Assael, M.J. and S.K. Mylona. (2013). A Novel Vibrating-Wire Viscometer for High-Viscosity Liquids at Moderate Pressures. *Journal of Chemical and Engineering Data*, 58(4), 993-1000. doi:10.1021/jc301306e. **Accession Number: WOS:000317553600023.**
34. Attina, T.M. and L. Trasande. (2015). Association of exposure to di-2-ethylhexylphthalate replacements with increased insulin resistance in adolescents from NHANES 2009-2012. *Journal of Clinical Endocrinology and Metabolism*, 100(7), 2640-2650. doi:10.1210/jc.2015-1686. **Accession Number: 25993640. HERO ID: 2919072.**
35. Bair, S. (2012). A Critical Assessment of the Role of Viscometers in Quantitative Elastohydrodynamics. *Tribology Transactions*, 55(3), 394-399. doi:10.1080/10402004.2012.665986. **Accession Number: WOS:000305295800015.**
36. Bamgbade, B.A., et al. (2013). Experimental density measurements of bis(2-ethylhexyl) phthalate at elevated temperatures and pressures. *Journal of Chemical Thermodynamics*, 63, 102-107. doi:10.1016/j.jct.2013.04.010. **Accession Number: WOS:000320594200017.**
37. Banerjee, S., et al. (1900). Analytical Procedures for the Measurement and Characterization of Phthalate Esters. (NIOSH/00189527)BIO/DYNAMICS INC. Report. **HERO ID: 1316111.**
38. Bang, D.u., et al. (2012). Human Risk Assessment of Endocrine-Disrupting Chemicals Derived from Plastic Food Containers. *Comprehensive Reviews in Food Science and Food Safety*, 11(5), 453-470. doi:10.1111/j.1541-4337.2012.00197.x. **HERO ID: 1335313.**
39. Barber, E.D., et al. (2000). Results of the L5178Y mouse lymphoma assay and the Balb/3t3 cell in vitro transformation assay for eight phthalate esters. *Journal of Applied Toxicology*, 20(1), 69-80. doi:10.1002/(SICI)1099-1263(200001/02)20:1 <69::AID-JAT630>3.0.CO;2-2. **Accession Number: 10641018. HERO ID: 673420.**
40. Barr, D.B., et al. (2003). Assessing human exposure to phthalates using monoesters and their oxidized metabolites as biomarkers. *Environ Health Perspect*, 111(9), 1148-51. doi:10.1289/ehp.6074. **Accession Number: 12842765.**
41. Barusic, L., et al. (2015). Phthalate in children's toys and childcare articles in Croatia. *Current Science*, 109(8), 1480-1486. **HERO ID: 3045611.**
42. Basfar, A.A. (2002). Flame retardancy of radiation cross-linked poly(vinyl chloride) (PVC) used as an insulating material for wire and cable. *Polymer Degradation and Stability*, 77(2), 221-226. doi:Pii S0141-3910(02)00037-X Doi 10.1016/S0141-3910(02)00037-X. **Accession Number: WOS:000177453200006.**
43. Basfar, A.A. (2003). Effect of various combinations of flame-retardant fillers on flammability of radiation cross-linked poly(vinyl chloride) (PVC). *Polymer Degradation and Stability*, 82(2), 333-340. doi:10.1016/S0141-3910(03)00188-5. **Accession Number: WOS:000185974300026.**
44. Beltifa, A., et al. (2017). Persistent plasticizers and bisphenol in the cheese of Tunisian markets induced biochemical and histopathological alterations in male BALB/c mice. *Environmental Science and Pollution Research*, 25(7), 6545-6557. doi:10.1007/s11356-017-0857-6. **Accession Number: 29255980. HERO ID: 4216003.**
45. Beltifa, A., et al. (2017). Plasticizers and bisphenol A, in packaged foods sold in the Tunisian markets: study of their acute in vivo toxicity and their environmental fate. *Environmental Science and Pollution Research*, 24(28), 22382-22392. doi:10.1007/s11356-017-9861-0. **Accession Number: 28801775. HERO ID: 4216025.**
46. Bendaoud, A., et al. (2013). Blends of Plasticized Polyvinyl Butyral and Polyvinyl Chloride: Morphology Analysis in View of Recycling. *Macromolecular Materials and Engineering*, 298(12), 1259-1268. doi:10.1002/mame.201200420. **Accession Number: WOS:000328451400002.**
47. Benjamin, S., et al. (2016). Achromobacter denitrificans SP1 efficiently utilizes 16 phthalate diesters and their downstream products through protocatechuate 3,4-cleavage pathway. *Ecotoxicology and Environmental Safety*, 134(Part 1), 172-178. doi:10.1016/j.ecoenv.2016.08.028. **Accession Number: 27619352. HERO ID: 3479524.**
48. Beom-Seok, H., et al. (2008). Evaluation of the Carcinogenicity of Diisodecyl Phthalate (DIDP), a Plasticizer, in Rats. *Toxicologic Pathology*, 36(1), 149-150. **Accession Number: WOS:000267456900022.**
49. Bertelsen, R.J., et al. (2013). Urinary biomarkers for phthalates associated with asthma in Norwegian children. *Environmental Health Perspectives*, 121(2), 251-256. doi:10.1289/ehp.1205256. **Accession Number: 23164678. HERO ID: 1333771.**
50. Bibra working, g. (1998). Diisodecyl Phthalate. (RISKLINE/1998120020)Bibra working group. Report. **HERO ID: 1599617.**

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

51. Bjorklund, K., et al. (2009). Phthalates and nonylphenols in urban runoff: Occurrence, distribution and area emission factors. *Science of the Total Environment*, 407(16), 4665-4672. doi:10.1016/j.scitotenv.2009.04.04. **Accession Number: 19457546. HERO ID: 679890.**
52. Bradley, E.L., et al. (2013). Determination of phthalate diesters in foods. *Food Additives & Contaminants: Part A: Chemistry, Analysis, Control, Exposure & Risk Assessment*, 30(4), 722-734. doi:10.1080/19440049.2013.781683. **Accession Number: 23614781. HERO ID: 1588872.**
53. Brandscheid, C., et al. (2017). Altered Gut Microbiome Composition and Tryptic Activity of the 5xFAD Alzheimer's Mouse Model. *J Alzheimers Dis*, 56(2), 775-788. doi:10.3233/JAD-160926. **Accession Number: 28035935.**
54. Breous, E., A. Wenzel, and U. Loos. (2005). The promoter of the human sodium/iodide symporter responds to certain phthalate plasticisers. *Molecular and Cellular Endocrinology*, 244(1-2), 75-78. doi:10.1016/j.mce.2005.06.009. **Accession Number: 16257484. HERO ID: 674976.**
55. Brown, D., et al. (1998). The effect of phthalate ester plasticisers tested as surfactant stabilised dispersions on the reproduction of the *Daphnia magna*. *Chemosphere*, 36(6), 1367-1379. doi:10.1016/S0045-6535(97)10018-2. **HERO ID: 679904.**
56. Brown, D. and R.S. Thompson. (1982). Phthalates and the Aquatic Environment .2. The Bioconcentration and Depuration of Di-2-Ethyl-Hexyl Phthalate (Dehp) and Di-Isodecyl Phthalate (Didp) in Mussels (*Mytilus-Edulis*). *Chemosphere*, 11(4), 427-435. doi:Doi 10.1016/0045-6535(82)90046-7. **Accession Number: WOS:A1982NP44300007.**
57. Brown, D. and R.S. Thompson. (1982). Phthalates and the Aquatic Environment .1. The Effect of Di-2-Ethylhexyl Phthalate (Dehp) and Di-Isodecyl Phthalate (Didp) on the Reproduction of *Daphnia-Magna* and Observations on Their Bioconcentration. *Chemosphere*, 11(4), 417-426. doi:Doi 10.1016/0045-6535(82)90045-5. **Accession Number: WOS:A1982NP44300006.**
58. Brown, D., et al. (1996). The effect of phthalate ester plasticisers on the emergence of the midge (*Chironomus riparius*) from treated sediments. *Chemosphere*, 32(11), 2177-2187. doi:Doi 10.1016/0045-6535(96)00128-2. **Accession Number: WOS:A1996UQ38100007.**
59. Burg, V.K., et al. (2013). Plant sterols the better cholesterol in Alzheimer's disease? A mechanistical study. *J Neurosci*, 33(41), 16072-87. doi:10.1523/JNEUROSCI.1506-13.2013. **Accession Number: 24107941.**
60. Caers, R.F. and A.C. Poppe. (1993). SOFTENERS. 83(10), 822-824. **HERO ID: 1325685.**
61. Caetano, F.J.P., et al. (2006). Diisodecylphthalate (DIDP) - a potential standard of moderate viscosity: Surface tension measurements and water content effect on viscosity. *Fluid Phase Equilibria*, 245(1), 1-5. doi:10.1016/j.fluid.2006.03.012. **Accession Number: WOS:000238641300001.**
62. Caetano, F.J.P., et al. (2008). An industrial reference fluid for moderately high viscosity. *Journal of Chemical and Engineering Data*, 53(9), 2003-2011. doi:10.1021/je800059n. **Accession Number: WOS:000259195700001.**
63. Caetano, F.J.P., et al. (2004). Viscosity of di-isodecylphthalate: A potential standard of moderate viscosity. *International Journal of Thermophysics*, 25(5), 1311-1322. doi:DOI 10.1007/s10765-004-5740-2. **Accession Number: WOS:000224755000001.**
64. Caetano, F.J.P., et al. (2005). New measurements of the viscosity of diisodecyl phthalate using a vibrating wire technique. *Journal of Chemical and Engineering Data*, 50(6), 1875-1878. doi:10.1021/je050151n. **Accession Number: WOS:000233345100017.**
65. Calafat, A.M., et al. (2006). Mono-(3-carboxypropyl) phthalate, a metabolite of di-n-octyl phthalate. *Journal of Toxicology and Environmental Health, Part A: Current Issues*, 69(3), 215-227. doi:10.1080/15287390500227381. **Accession Number: 16263692. HERO ID: 667240.**
66. Calafat, A.M., et al. (2011). Selecting adequate exposure biomarkers of diisononyl and diisodecyl phthalates: data from the 2005-2006 National Health and Nutrition Examination Survey. *Environmental Health Perspectives*, 119(1), 50-55. doi:10.1289/ehp.1002316. **Accession Number: 20870567. HERO ID: 788349.**
67. Call, D.J., et al. (2001). An assessment of the toxicity of phthalate esters to freshwater benthos. 2. Sediment exposures. *Environmental Toxicology and Chemistry*, 20(8), 1805-1815. doi:10.1002/etc.5620200826. **Accession Number: 11491566. HERO ID: 679311.**
68. Carlos, K.S., L.S. de Jager, and T.H. Begley. (2018). Investigation of the primary plasticisers present in polyvinyl chloride (PVC) products currently authorised as food contact materials. *Food Additives & Contaminants: Part A: Chemistry, Analysis, Control, Exposure & Risk Assessment*, 35(6), 1214-1222. doi:10.1080/19440049.2018.1447695. **Accession Number: 29510083. HERO ID: 4728630.**

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

69. Chang, C.W., H.S. Lien, and J.H. Lin. (2008). Determination of reflection photoelasticity fringes analysis with digital image-discrete processing. *Measurement*, 41(8), 862-869. doi:10.1016/j.measurement.2007.12.002. **Accession Number: WOS:000260741000005.**
70. Chang, W.H., et al. (2018). Oxidative damage in patients with benign prostatic hyperplasia and prostate cancer co-exposed to phthalates and to trace elements. *Environment International*, 121, 1179-1184. doi:10.1016/j.envint.2018.10.034. **Accession Number: WOS:000453083000017.**
71. Chao, H.C., H.W. Liao, and C.H. Kuo. (2016). Using water plug-assisted analyte focusing by micelle collapse in combination with microemulsion electrokinetic chromatography for analyzing phthalate esters. *Journal of Chromatography A*, 1445, 149-157. doi:10.1016/j.chroma.2016.03.086. **Accession Number: 27063370. HERO ID: 3350296.**
72. Chen, C.F., et al. (2017). Determination and assessment of phthalate esters content in sediments from Kaohsiung Harbor, Taiwan. *Mar Pollut Bull*, 124(2), 767-774. doi:10.1016/j.marpolbul.2016.11.064. **Accession Number: 28007384.**
73. Chen, J.A., et al. (2008). Analysis of di-n-butyl phthalate and other organic pollutants in Chongqing women undergoing parturition. *Environmental Pollution*, 156(3), 849-853. doi:10.1016/j.envpol.2008.05.019. **Accession Number: 18565632. HERO ID: 673262.**
74. Chen, X., et al. (2014). Toxicity and estrogenic endocrine disrupting activity of phthalates and their mixtures. *International Journal of Environmental Research and Public Health*, 11(3), 3156-3168. doi:10.3390/ijerph110303156. **Accession Number: 24637910. HERO ID: 2298079.**
75. Chen, Y., Q. Li, and Q. Wu. (2014). Stepwise encapsulation and controlled two-stage release system for cis-Diamminediiodoplatinum. *Int J Nanomedicine*, 9, 3175-82. doi:10.2147/IJN.S61570. **Accession Number: 25061294.**
76. Chierigato, C., et al. (1994). Occupational Allergic Contact Dermatitis due to Ethylenediamine Dihydrochloride and Cresyl Glycidyl Ether in Epoxy Resin Systems. *Contact Dermatitis*, 30(2). **HERO ID: 1599590.**
77. Cho, W.S., et al. (2010). Peroxisome proliferator di-isodecyl phthalate has no carcinogenic potential in Fischer 344 rats (vol 178, pg 110, 2008). *Toxicology Letters*, 197(2), 156-156. doi:10.1016/j.toxlet.2010.05.014. **Accession Number: WOS:000280052200014.**
78. Cho, W.S., et al. (2011). 26-Week carcinogenicity study of di-isodecyl phthalate by dietary administration to CB6F1-rasH2 transgenic mice. *Arch Toxicol*, 85(1), 59-66. doi:10.1007/s00204-010-0536-6. **Accession Number: 20358181.**
79. Cho, W.S., et al. (2007). 4-week feed study of DIDP with Ras H 2 wild-type mice. *Toxicologic Pathology*, 35(1), 192-192. **Accession Number: WOS:000244891300079.**
80. Clayden, N.J. and C. Howick. (1993). Effect of the Processing Temperature on the Interaction between Plasticizer and Poly(Vinyl Chloride) as Studied by Solid-State Nmr-Spectroscopy. *Polymer*, 34(12), 2508-2515. doi:Doi 10.1016/0032-3861(93)90580-4. **Accession Number: WOS:A1993LJ58900008.**
81. Cocci, P., et al. (2017). Effects of endocrine disrupting chemicals on estrogen receptor alpha and heat shock protein 60 gene expression in primary cultures of loggerhead sea turtle (*Caretta caretta*) erythrocytes. *Environmental Research*, 158, 616-624. doi:10.1016/j.envres.2017.07.024. **Accession Number: 28719870. HERO ID: 3972263.**
82. Cocci, P., et al. (2015). Effects of Diisodecyl Phthalate on PPAR:RXR-Dependent Gene Expression Pathways in Sea Bream Hepatocytes. *Chem Res Toxicol*, 28(5), 935-47. doi:10.1021/tx500529x. **Accession Number: 25825955.**
83. Cocci, P., G. Mosconi, and F.A. Palermo. (2019). Changes in expression of microRNA potentially targeting key regulators of lipid metabolism in primary gilthead sea bream hepatocytes exposed to phthalates or flame retardants. *Aquat Toxicol*, 209, 81-90. doi:10.1016/j.aquatox.2019.02.002. **Accession Number: 30753973.**
84. Commission, C.P.S. (1999) *Notice of Availability of a Statement of Policy: Testing of Component Parts With Respect to Section 108 of the Consumer Product Safety Improvement Act 8/17/2009* Type of Entry: Notice, **Federal Register E9-19664**, Retrieved from: <https://www.federalregister.gov/documents/2009/08/17/E9-19664/notice-of-availability-of-a-statement-of-policy-testing-of-component-parts-with-respect-to-section>
85. Commission, C.P.S. (2010) *Conditions and Requirements for Testing Component Parts of Consumer Products 5/20/2010* Type of Entry: Proposed Rule, **Federal Register 2010-11370**, Retrieved from: <https://www.federalregister.gov/documents/2010/05/20/2010-11370/conditions-and-requirements-for-testing-component-parts-of-consumer-products>

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

86. Commission, C.P.S. (2010) *Notice of Meeting of Chronic Hazard Advisory Panel on Phthalates and Phthalate Substitutes and Opportunity for Public Comment* 6/3/2010 Type of Entry: Notice, **Federal Register 2010-13389**, Retrieved from: <https://www.federalregister.gov/documents/2010/06/03/2010-13389/notice-of-meeting-of-chronic-hazard-advisory-panel-on-phthalates-and-phthalate-substitutes-and>
87. Commission, C.P.S. (2010) *Notice of Teleconference of the Chronic Hazard Advisory Panel on Phthalates and Phthalate Substitutes* 11/3/2010 Type of Entry: Notice, **Federal Register 2010-27751**, Retrieved from: <https://www.federalregister.gov/documents/2010/11/03/2010-27751/notice-of-teleconference-of-the-chronic-hazard-advisory-panel-on-phthalates-and-phthalate>
88. Commission, C.P.S. (2010) *Notice of Meeting of Chronic Hazard Advisory Panel on Phthalates and Phthalate Substitutes* 11/29/2010 Type of Entry: Notice, **Federal Register 2010-29868**, Retrieved from: <https://www.federalregister.gov/documents/2010/11/29/2010-29868/notice-of-meeting-of-chronic-hazard-advisory-panel-on-phthalates-and-phthalate-substitutes>
89. Commission, C.P.S. (2010) *Notice of Meeting of Chronic Hazard Advisory Panel on Phthalates* 4/9/2010 Type of Entry: Notice, **Federal Register 2010-8144**, Retrieved from: <https://www.federalregister.gov/documents/2010/04/09/2010-8144/notice-of-meeting-of-chronic-hazard-advisory-panel-on-phthalates>
90. Commission, C.P.S. (2011) *Notice of Meeting of Chronic Hazard Advisory Panel on Phthalates and Phthalate Substitutes* 6/29/2011 Type of Entry: Notice, **Federal Register 2011-16218**, Retrieved from: <https://www.federalregister.gov/documents/2011/06/29/2011-16218/notice-of-meeting-of-chronic-hazard-advisory-panel-on-phthalates-and-phthalate-substitutes>
91. Commission, C.P.S. (2011) *Third Party Testing for Certain Children's Products; Notice of Requirements for Accreditation of Third Party Conformity Assessment Bodies To Assess Conformity With the Limits on Phthalates in Children's Toys and Child Care Articles* 8/10/2011 Type of Entry: Rule, **Federal Register 2011-19678**, Retrieved from: <https://www.federalregister.gov/documents/2011/08/10/2011-19678/third-party-testing-for-certain-childrens-products-notice-of-requirements-for-accreditation-of-third>
92. Commission, C.P.S. (2011) *Notice of Teleconference of the Chronic Hazard Advisory Panel on Phthalates and Phthalate Substitutes* 9/15/2011 Type of Entry: Notice, **Federal Register 2011-23645**, Retrieved from: <https://www.federalregister.gov/documents/2011/09/15/2011-23645/notice-of-teleconference-of-the-chronic-hazard-advisory-panel-on-phthalates-and-phthalate>
93. Commission, C.P.S. (2011) *"Conditions and Requirements for Relying on Component Part Testing or Certification, or Another Party's Finished Product Testing or Certification, to Meet Testing and Certification Requirements"* 11/8/2011 Type of Entry: Rule, **Federal Register 2011-27677**, Retrieved from: <https://www.federalregister.gov/documents/2011/11/08/2011-27677/conditions-and-requirements-for-relying-on-component-part-testing-or-certification-or-another-partys>
94. Commission, C.P.S. (2012) *Notice of Teleconference of the Chronic Hazard Advisory Panel on Phthalates and Phthalate Substitutes* 6/8/2012 Type of Entry: Notice, **Federal Register 2012-13934**, Retrieved from: <https://www.federalregister.gov/documents/2012/06/08/2012-13934/notice-of-teleconference-of-the-chronic-hazard-advisory-panel-on-phthalates-and-phthalate>
95. Commission, C.P.S. (2012) *Children's Toys and Child Care Articles Containing Phthalates; Proposed Guidance on Inaccessible Component Parts* 7/31/2012 Type of Entry: Proposed Rule, **Federal Register 2012-18620**, Retrieved from: <https://www.federalregister.gov/documents/2012/07/31/2012-18620/childrens-toys-and-child-care-articles-containing-phthalates-proposed-guidance-on-inaccessible>
96. Commission, C.P.S. (2012) *CPSC Symposium on Phthalates Screening and Testing Methods* 1/30/2012 Type of Entry: Notice, **Federal Register 2012-1931**, Retrieved from: <https://www.federalregister.gov/documents/2012/01/30/2012-1931/cpsc-symposium-on-phthalates-screening-and-testing-methods>
97. Commission, C.P.S. (2012) *Teleconference and Public Meeting of the Chronic Hazard Advisory Panel on Phthalates and Phthalate Substitutes* 1/17/2012 Type of Entry: Notice, **Federal Register 2012-645**, Retrieved from: <https://www.federalregister.gov/documents/2012/01/17/2012-645/teleconference-and-public-meeting-of-the-chronic-hazard-advisory-panel-on-phthalates-and-phthalate>
98. Commission, C.P.S. (2013) *Children's Toys and Child Care Articles Containing Phthalates; Final Guidance on Inaccessible Component Parts* 2/14/2013 Type of Entry: Rule, **Federal Register 2013-03400**, Retrieved from: <https://www.federalregister.gov/documents/2013/02/14/2013-03400/childrens-toys-and-child-care-articles-containing-phthalates-final-guidance-on-inaccessible>

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

99. Commission, C.P.S. (2013) "*Request for Information Regarding Third Party Testing for Lead Content, Phthalate Content, and the Solubility of the Eight Elements Listed in ASTM F963-11*" 4/16/2013 Type of Entry: Notice, **Federal Register 2013-08858**, Retrieved from: <https://www.federalregister.gov/documents/2013/04/16/2013-08858/request-for-information-regarding-third-party-testing-for-lead-content-phthalate-content-and-the>
100. Commission, C.P.S. (2014) *Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates* 12/30/2014 Type of Entry: Proposed Rule, **Federal Register 2014-29967**, Retrieved from: <https://www.federalregister.gov/documents/2014/12/30/2014-29967/prohibition-of-childrens-toys-and-child-care-articles-containing-specified-phthalates>
101. Commission, C.P.S. (2016) *Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates: Determinations Regarding Certain Plastics* 8/17/2016 Type of Entry: Proposed Rule, **Federal Register 2016-19464**, Retrieved from: <https://www.federalregister.gov/documents/2016/08/17/2016-19464/prohibition-of-childrens-toys-and-child-care-articles-containing-specified-phthalates-determinations>
102. Commission, C.P.S. (2017) *Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates: Determinations Regarding Certain Plastics* 8/30/2017 Type of Entry: Rule, **Federal Register 2017-18387**, Retrieved from: <https://www.federalregister.gov/documents/2017/08/30/2017-18387/prohibition-of-childrens-toys-and-child-care-articles-containing-specified-phthalates-determinations>
103. Commission, C.P.S. (2017) "*Children's Products, Children's Toys, and Child Care Articles: Determinations Regarding Lead, ASTM F963 Elements, and Phthalates for Engineered Wood Products*" 10/13/2017 Type of Entry: Proposed Rule, **Federal Register 2017-21980**, Retrieved from: <https://www.federalregister.gov/documents/2017/10/13/2017-21980/childrens-products-childrens-toys-and-child-care-articles-determinations-regarding-lead-astm-f963>
104. Commission, C.P.S. (2017) *CPSC Acceptance of Third Party Laboratories: Revision to the Notice of Requirements for Prohibitions of Children's Toys and Child Care Articles Containing Specified Phthalates* 10/27/2017 Type of Entry: Proposed Rule, **Federal Register 2017-23266**, Retrieved from: <https://www.federalregister.gov/documents/2017/10/27/2017-23266/cpsc-acceptance-of-third-party-laboratories-revision-to-the-notice-of-requirements-for-prohibitions>
105. Commission, C.P.S. (2017) *Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates* 10/27/2017 Type of Entry: Rule, **Federal Register 2017-23267**, Retrieved from: <https://www.federalregister.gov/documents/2017/10/27/2017-23267/prohibition-of-childrens-toys-and-child-care-articles-containing-specified-phthalates>
106. Commission, C.P.S. (2018) *Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates: Revision of Determinations Regarding Certain Plastics* 1/26/2018 Type of Entry: Rule, **Federal Register 2018-01451**, Retrieved from: <https://www.federalregister.gov/documents/2018/01/26/2018-01451/prohibition-of-childrens-toys-and-child-care-articles-containing-specified-phthalates-revision-of>
107. Commission, C.P.S. (2018) *CPSC Acceptance of Third Party Laboratories: Revision to the Notice of Requirements for Prohibitions of Children's Toys and Child Care Articles Containing Specified Phthalates* 2/1/2018 Type of Entry: Rule, **Federal Register 2018-01452**, Retrieved from: <https://www.federalregister.gov/documents/2018/02/01/2018-01452/cpsc-acceptance-of-third-party-laboratories-revision-to-the-notice-of-requirements-for-prohibitions>
108. Commission, C.P.S. (2018) "*Children's Products, Children's Toys, and Child Care Articles: Determinations Regarding Lead, ASTM F963 Elements, and Phthalates for Engineered Wood Products*" 6/22/2018 Type of Entry: Rule, **Federal Register 2018-13392**, Retrieved from: <https://www.federalregister.gov/documents/2018/06/22/2018-13392/childrens-products-childrens-toys-and-child-care-articles-determinations-regarding-lead-astm-f963>
109. Comunas, M.J.P., et al. (2013). Reference Correlation of the Viscosity of Squalane from 273 to 373 K at 0.1 MPa. *Journal of Physical and Chemical Reference Data*, 42(3). doi: Unsp 033101 10.1063/1.4812573. **Accession Number: WOS:000325407800001.**
110. Correia-SÃ¡, L., et al. (2018). Obesity or diet? Levels and determinants of phthalate body burden - A case study on Portuguese children. *International Journal of Hygiene and Environmental Health*, 221(3), 519-530. doi:10.1016/j.ijheh.2018.02.001. **Accession Number: 29454883. HERO ID: 4728639.**
111. Cousins, A.P., et al. (2007). Results from the Swedish National Screening Programme 2006. Subreport 1: Phthalates. (B1750)Swedish Environmental Research Institute. Report. **HERO ID: 675060.**
112. Criteria group for occupational, s. (1983). Scientific basis for Swedish Occupational Standards. IV. Consensus

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

- report for phthalates. (RISKLINE/1988020094)Arbete Och Hals. Report. **HERO ID: 689979**.
113. da Mata, J.L.C., et al. (2009). Viscosity Measurements of Diisodecyl Phthalate Using a Vibrating Wire Instrument Operated In Free Decay Mode: Comparison with Results Obtained with the Forced Mode of Operation. *Journal of Chemical and Engineering Data*, 54(9), 2562-2568. doi:10.1021/je900113f. **Accession Number: WOS:000269699600031**.
  114. Datta, A. and D.G. Baird. (1991). Effects of Plasticizers on Extrusion of Dry Blended Pvc. *International Polymer Processing*, 6(3), 199-207. doi:Doi 10.3139/217.910199. **Accession Number: WOS:A1991GF71900005**.
  115. David, F., P.a. Sandra, and P. Hancock. (2011). Determining High-Molecular-Weight Phthalates in Sediments using GC-APCI-ToF-MS. 24(1), 16-+. **HERO ID: 1325694**.
  116. de Castro, C.A.N., et al. (2009). Metrology of Viscosity: Have We Learned Enough? *Journal of Chemical and Engineering Data*, 54(2), 171-178. doi:10.1021/je800528e. **Accession Number: WOS:000263371000002**.
  117. Decker, Y., et al. (2018). Analysis of the vasculature by immunohistochemistry in paraffin-embedded brains. *Brain Struct Funct*, 223(2), 1001-1015. doi:10.1007/s00429-017-1595-8. **Accession Number: 29260371**.
  118. Dekant, W. (2012). Comparison of potential endocrine disrupting properties of di-isononyl phthalate (DINP), di-isodecyl phthalate (DIDP), and di-n-butyl phthalate (DNBP). European Council for Plasticizers and Intermediates. Report. **HERO ID: 2079180**.
  119. Demir, A.P.T. and S. Ulutan. (2018). Assessment of degradation of plasticized poly(vinyl chloride) films through polyene formation under isothermal conditions. *Journal of Applied Polymer Science*, 135(14). doi:ARTN 46092. 10.1002/app.46092. **Accession Number: WOS:000418868800021**.
  120. Department, C. (1996) "Foreign-Trade Zone 154Baton Rouge, Louisiana Application for Subzone Status, Exxon Corporation (Oil Refinery/Petrochemical Complex), Baton Rouge, Louisiana Area" 2/21/1996 Type of Entry: Notice, **Federal Register 96-3753**. Retrieved from: <https://www.federalregister.gov/documents/1996/02/21/96-3753/foreign-trade-zone-154baton-rouge-louisiana-application-for-subzone-status-exxon-corporation-oil>
  121. Department, H.a.H.S. and F.a.D. Administration (2016) "Breast Cancer Fund, Center for Environmental Health, Center for Food Safety, Center for Science in the Public Interest, Clean Water Action, Consumer Federation of America, Earthjustice, Environmental Defense Fund, Improving Kids' Environment, Learning Disabilities Association of America, and Natural Resources Defense Council; Filing of Food Additive Petition" 5/20/2016 Type of Entry: Proposed Rule, **Federal Register 2016-11866**, Retrieved from: <https://www.federalregister.gov/documents/2016/05/20/2016-11866/breast-cancer-fund-center-for-environmental-health-center-for-food-safety-center-for-science-in-the>
  122. Department, H.a.H.S. and P.H. Service (1999) "National Toxicology Program, National Institute of Environmental Health Sciences, Center for the Evaluation of Risks to Human Reproduction; Announces an Expert Panel Review of Phthalates, August 17-19, 1999 in Alexandria, VA" 8/5/1999 Type of Entry: Notice, **Federal Register 99-20076**, Retrieved from: <https://www.federalregister.gov/documents/1999/08/05/99-20076/national-toxicology-program-national-institute-of-environmental-health-sciences-center-for-the>
  123. Department, H.a.H.S. and P.H. Service (1999) *Review Phthalates Meeting Notice* 11/19/1999 Type of Entry: Notice, **Federal Register 99-30199**, Retrieved from: <https://www.federalregister.gov/documents/1999/11/19/99-30199/review-phthalates-meeting-notice>
  124. Department, H.a.H.S. and P.H. Service (1999) *National Toxicology Program; National Institute of Environmental Health Sciences; Center for the Evaluation of Risks to Human Reproduction Review of Phthalates; Comment Request* 4/16/1999 Type of Entry: Notice, **Federal Register 99-9488**, Retrieved from: <https://www.federalregister.gov/documents/1999/04/16/99-9488/national-toxicology-program-national-institute-of-environmental-health-sciences-center-for-the>
  125. Department, H.a.H.S. and P.H. Service (2000) *Meeting: National Toxicology Program; Center for Evaluation of Risks to Human Reproduction* 5/23/2000 Type of Entry: Notice, **Federal Register 00-12908**, Retrieved from: <https://www.federalregister.gov/documents/2000/05/23/00-12908/meeting-national-toxicology-program-center-for-evaluation-of-risks-to-human-reproduction>
  126. Department, H.a.H.S. and P.H. Service (2000) *National Toxicology Program; National Institute of Environmental Health Sciences; Center for the Evaluation of Risks to Human Reproduction Announces the Availability of Seven Expert Panel Reports on Phthalate Esters and Solicits Public Comments on These Reports* 10/10/2000 Type of Entry: Notice, **Federal Register 00-25892**, Retrieved from: <https://www.federalregister.gov/documents/2000/10/10/00-25892/national-toxicology-program-national-institute-of-environmental-health-sciences-center-for-the>

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

127. Department, H.a.H.S. and P.H. Service (2003) *National Toxicology Program* 10/10/2003 Type of Entry: Notice, **Federal Register 03-25779**, Retrieved from: <https://www.federalregister.gov/documents/2003/10/10/03-25779/national-toxicology-program>
128. Department, H.a.H.S. and P.H. Service (2003) *The National Toxicology Program (NTP) Center for the Evaluation of Risks to Human Reproduction (CERHR) Announces the Availability of the NTP-CERHR Monograph on Di-n* 3/18/2003 Type of Entry: Notice, **Federal Register 03-6444**, Retrieved from: <https://www.federalregister.gov/documents/2003/03/18/03-6444/the-national-toxicology-program-ntp-center-for-the-evaluation-of-risks-to-human-reproduction-cerhr>
129. Department, H.S. and C. Guard (2013) *2012 Liquid Chemical Categorization Updates* 8/16/2013 Type of Entry: Rule, **Federal Register 2013-19422**, Retrieved from: <https://www.federalregister.gov/documents/2013/08/16/2013-19422/2012-liquid-chemical-categorization-updates>
130. Department, H.S. and C. Guard (2015) *2013 Liquid Chemical Categorization Updates* 10/22/2015 Type of Entry: Proposed Rule, **Federal Register 2015-26371**, Retrieved from: <https://www.federalregister.gov/documents/2015/10/22/2015-26371/2013-liquid-chemical-categorization-updates>
131. Department, T. and C. Guard (1994) *Bulk Hazardous Materials* 4/11/1994 Type of Entry: Uncategorized Document, **Federal Register 94-8362**, Retrieved from: <https://www.federalregister.gov/documents/1994/04/11/94-8362/bulk-hazardous-materials>
132. Department, T. and C. Guard (1994) *Noxious Liquid Substances Lists* 4/11/1994 Type of Entry: Uncategorized Document, **Federal Register 94-8363**, Retrieved from: <https://www.federalregister.gov/documents/1994/04/11/94-8363/noxious-liquid-substances-lists>
133. Department, T. and C. Guard (2000) *"Noxious Liquid Substances, Obsolete Hazardous Materials in Bulk, and Current Hazardous Materials in Bulk"* 11/8/2000 Type of Entry: Rule, **Federal Register 00-28387**, Retrieved from: <https://www.federalregister.gov/documents/2000/11/08/00-28387/noxious-liquid-substances-obsolete-hazardous-materials-in-bulk-and-current-hazardous-materials-in>
134. Di Sanzo, F.P., P.J. Lim, and W.W. Han. (2015). Determination of Carbon Number Distributions of Complex Phthalates by Gas Chromatography-Mass Spectrometry With Ammonia Chemical Ionization. *Journal of Chromatographic Science*, 53(10), 1639-1645. doi:10.1093/chromsci/bmv092. **Accession Number: 26240191. HERO ID: 2995888.**
135. Dikmen, B.Y., et al. (2015). In Vitro Effects of Phthalate Mixtures on Colorectal Adenocarcinoma Cell Lines. *Journal of Environmental Pathology Toxicology and Oncology*, 34(2), 115-123. doi:10.1615/JEnvironPatholToxicolOncol.2015013256. **Accession Number: WOS:000368384400003.**
136. Diogo, J.C.F., et al. (2014). Tris(2-ethylhexyl) trimellitate (TOTM) a potential reference fluid for high viscosity. Part I: Viscosity measurements at temperatures from (303 to 373) K and pressures up to 65 MPa, using a novel vibrating-wire instrument. *Fluid Phase Equilibria*, 384, 50-59. doi:10.1016/j.fluid.2014.10.002. **Accession Number: WOS:000346547100007.**
137. Diogo, J.C.F., et al. (2016). Tris(2-ethylhexyl) trimellitate (TOTM) as a potential industrial reference fluid for viscosity at high temperatures and high pressures: New viscosity, density and surface tension measurements. *Fluid Phase Equilibria*, 418, 192-197. doi:10.1016/j.fluid.2016.01.012. **Accession Number: WOS:000376543800020.**
138. Diogo, J.C.F., F.J.P. Caetano, and J.M.N.A. Fareleira. (2014). Viscosity and density measurements of compressed liquid dimethyl adipate using oscillating body techniques. *Fluid Phase Equilibria*, 367, 85-94. doi:10.1016/j.fluid.2014.01.030. **Accession Number: WOS:000334003400013.**
139. Djouani, F., et al. (2014). Evaporation kinetics of DIDP plasticizer from PVC. *Times of Polymers (Top) and Composites 2014*, 1599, 218-221. doi:10.1063/1.4876817. **Accession Number: WOS:000341451600055.**
140. Dong, C.D., C.W. Chen, and C.M. Hung. (2018). Persulfate activation with rice husk-based magnetic biochar for degrading PAEs in marine sediments. *Environmental Science and Pollution Research*. doi:10.1007/s11356-018-2423-2. **Accession Number: 29869210. HERO ID: 4728924.**
141. Dong, C.H., et al. (2013). Simultaneous determination of phthalate plasticizers in PVC packaging materials using homogeneous-ultrasonic extraction-GC-MS assisted with continuous wavelet transform. *Analytical Methods*, 5(17), 4513-4517. doi:10.1039/c3ay40574e. **Accession Number: WOS:000323272800034.**
142. Dugo, G.M., et al. (2011). Phthalate, adipate and sebacate residues by HRGC-MS in olive oils from Sicily and Molise (Italy). *Food Control*, 22(6), 982-988. doi:10.1016/j.foodcont.2010.12.006. **HERO ID: 1312082.**



## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

143. Earls, A.O., I.P. Axford, and J.H. Braybrook. (2003). Gas chromatography-mass spectrometry determination of the migration of phthalate plasticisers from polyvinyl chloride toys and childcare articles. *Journal of Chromatography A*, 983(1-2), 237-246. doi:10.1016/S0021-9673(02)01736-3. **Accession Number: 12568386. HERO ID: 679460.**
144. Ecetoc. (1985). An assessment of the occurrence and effects of dialkyl ortho-phthalates in the environment. (Technical Report No 19)Report. **HERO ID: 679967.**
145. Echa. (2013). Committee for Risk Assessment (RAC) Opinion on the ECHA's draft review report on "Evaluation of new scientific evidence concerning DINP and DIDP in relation to entry 52 of Annex XVII to Regulation (EC) No 1907/2006 (REACH)" ECHA/RAC/A77-O-0000001412-86-10/F. Report. **HERO ID: 3687948.**
146. Echa, *Evaluation of new scientific evidence concerning DINP and DIDP in relation to entry 52 of Annex XVII to REACH Regulation (EC) No 1907/2006*. 2013, Helsinki, Finland. **HERO ID: 2441673.**
147. Ecjrc. (2003). European Union risk assessment report: 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich - and di-"isononyl" phthalate (DINP). (EUR 20784 EN)Office for Official Publications of the European Communities. Report. **HERO ID: 679933.**
148. Ecjrc. (2006). European Union risk assessment report: 2-methoxy-2-methylbutane (TAME). (EUR 22236 EN)Office for Official Publications of the European Communities. Report. **HERO ID: 830209.**
149. Ecpi. Endocrine data evaluation report for selected high molecular weight (HMW) phthalates (DINP, DIDP) and a low molecular weight (LMW) phthalate (DBP) using the OECD conceptual framework. Volume I "Mammalian data. Report. **HERO ID: 3684647.**
150. Ecpi. (2011). Endocrine data evaluation report. For selected high molecular weight (HMW) phthalates (DINP, DIDP) and a low molecular weight (LMW) phthalate (DBP), using the OECD conceptual framework. Volume I. Mammalian data. (Scientific Report 110301)European Council for Plasticisers and Intermediates. Submitted to the Consumer Product Safety Commission. Report. **HERO ID: 2079182.**
151. Efimov, Y.Y. (2000). Digital iterative deconvolution procedure (DIDP) and its smoothing properties to treat with experimental spectra. *Vibrational Spectroscopy*, 23(1), 57-69. doi:Doi 10.1016/S0924-2031(99)00085-5. **Accession Number: WOS:000086054800007.**
152. Ejlertsson, J., et al. (1996). Anaerobic degradation of xenobiotics by organisms from municipal solid waste under landfilling conditions. *Antonie Van Leeuwenhoek*, 69(1), 67-74. **Accession Number: 8678481.**
153. Elliot, S.L. and A.G. Hart. (2010). Density-dependent prophylactic immunity reconsidered in the light of host group living and social behavior. *Ecology*, 91(1), 65-72. doi:Doi 10.1890/09-0424.1. **Accession Number: WOS:000275458500011.**
154. Elsis, A.E., D.E. Carter, and I.G. Sipes. (1989). Dermal absorption of phthalate diesters in rats. *Fundamental and Applied Toxicology*, 12(1), 70-77. doi:10.1093/toxsci/12.1.70. **Accession Number: 2925020. HERO ID: 675074.**
155. Endres, K., et al. (2016). Transnasal delivery of human A-beta peptides elicits impaired learning and memory performance in wild type mice. *BMC Neurosci*, 17(1), 44. doi:10.1186/s12868-016-0280-9. **Accession Number: 27377996.**
156. Enke, U., et al. (2013). Phthalate exposure in pregnant women and newborns - The urinary metabolite excretion pattern differs distinctly. *International Journal of Hygiene and Environmental Health*, 216(6), 735-742. doi:10.1016/j.ijheh.2013.01.006. **Accession Number: 23474103. HERO ID: 1588876.**
157. ExxonMobil. (2001). JAYFLEX® Plasticizers: Jayflex DINP Plasticizer: Diisononyl Phthalate. **HERO ID: 1239562.**
158. Ezerskis, Z., et al. (2007). Analytical screening of polyadipates and other plasticisers in poly(vinyl chloride) gasket seals and in fatty food by gas chromatography-mass spectrometry. *Anal Chim Acta*, 604(1), 29-38. doi:10.1016/j.aca.2007.04.047. **Accession Number: 17983777.**
159. Fan, Y.L., et al. (2018). Simultaneous determination of 22 phthalate esters in polystyrene food-contact materials by ultra-performance convergence chromatography with tandem mass spectrometry. *Journal of Separation Science*. doi:10.1002/jssc.201800094. **Accession Number: 29809316. HERO ID: 4829341.**
160. Fankhauser-Noti, A., S. Biedermann-Brem, and K. Grob. (2006). PVC plasticizers/additives migrating from the gaskets of metal closures into oily food: Swiss market survey June 2005. *European Food Research and Technology*, 223(4), 447-453. doi:10.1007/s00217-005-0223-7. **HERO ID: 1325699.**
161. Fankhauser-Noti, A. and K. Grob. (2006). Injector-internal thermal desorption from edible oils performed by programmed temperature vaporizing (PTV) injection. *J Sep Sci*, 29(15), 2365-74. **Accession Number:**

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

- 17120821.**
162. Fernandez, A., R. Rallo, and F. Giralt. (2015). Prioritization of in silico models and molecular descriptors for the assessment of ready biodegradability. *Environ Res*, 142, 161-8. doi:10.1016/j.envres.2015.06.031. **Accession Number: 26160046.**
  163. Ferreira, I.D., et al. (2015). Slurry Phase Biological Treatment of Latosol Contaminated with Phthalates, Adipate, and Alcohols. *Journal of Environmental Engineering*, 141(1). doi:10.1061/(ASCE)EE.1943-7870.0000869. **HERO ID: 2816463.**
  164. Ferreira, I.D. and D.M. Morita. (2012). BIOREMEDIATION OF SOIL CONTAMINATED WITH ISOBUTANOL, BIS(2-ETHYLHEXYL) PHTHALATE AND DHSODECYL PHTHALATE. *Revista Brasileira de Ciencia do Solo*, 36(2), 643-652. **HERO ID: 1464851.**
  165. Fischer, J., et al. (1993). Method for Determination of Plasticizers in Industrial Emissions. *Chromatographia*, 37(1-2), 47-50. doi:Doi 10.1007/Bf02272187. **Accession Number: WOS:A1993LN90200009.**
  166. Fiselier, K., M. Biedermann, and K. Grob. (2005). Injector-internal thermal desorption from edible oils. Part 2: chromatographic optimization for the analysis of migrants from food packaging material. *Journal of Separation Science*, 28(16), 2144-2152. doi:10.1002/jssc.200500950. **Accession Number: 16318211. HERO ID: 1323230.**
  167. Freire, M.T., I.A. Santana, and F.G. Reyes. (2006). Plasticizers in Brazilian food-packaging materials acquired on the retail market. *Food Additives and Contaminants*, 23(1), 93-99. doi:10.1080/02652030500241686. **Accession Number: 16393819. HERO ID: 679515.**
  168. Froba, A.P., H. Kremer, and A. Leipertz. (2008). Density, refractive index, interfacial tension, and viscosity of ionic liquids [EMIM][EtSO<sub>4</sub>], [EMIM][NTf<sub>2</sub>], [EMIM][N(CN)<sub>2</sub>], and [OMA][NTf<sub>2</sub>] in dependence on temperature at atmospheric pressure. *Journal of Physical Chemistry B*, 112(39), 12420-12430. doi:10.1021/jp804319a. **Accession Number: WOS:000259552000034.**
  169. Froba, A.P. and A. Leipertz. (2007). Viscosity of diisodecyl phthalate by surface light scattering (SLS). *Journal of Chemical and Engineering Data*, 52(5), 1803-1810. doi:10.1021/je7001623. **Accession Number: WOS:000249501400047.**
  170. Fromme, H., et al. (2013). [The Occurrence of Plasticisers (Phthalates) in Communal Facilities under Special Consideration of Results from LUPE 3]. *Gesundheitswesen*, 75(11), 730-734. doi:10.1055/s-0033-1357171. **Accession Number: 24165914. HERO ID: 2215402.**
  171. Ge, S., et al. (2019). Diisodecyl phthalate aggravates the formaldehyde-exposure-induced learning and memory impairment in mice. *Food Chem Toxicol*, 126, 152-161. doi:10.1016/j.fct.2019.02.024. **Accession Number: 30790713.**
  172. Ghisari, M. and E.C. Bonefeld-Jorgensen. (2009). Effects of plasticizers and their mixtures on estrogen receptor and thyroid hormone functions. *Toxicology Letters*, 189(1), 67-77. doi:10.1016/j.toxlet.2009.05.004. **Accession Number: 19463926. HERO ID: 675902.**
  173. Gimeno, P., et al. (2014). Identification and quantification of 14 phthalates and 5 non-phthalate plasticizers in PVC medical devices by GC-MS. *Journal of Chromatography B, Analytical Technologies in the Biomedical and Life Sciences*, 949-950, 99-108. doi:10.1016/j.jchromb.2013.12.037. **Accession Number: 24480330. HERO ID: 2241686.**
  174. Giovanoulis, G., et al. (2017). Multi-pathway human exposure assessment of phthalate esters and DINCH. *Environment International*, 112, 115-126. doi:10.1016/j.envint.2017.12.016. **Accession Number: 29272775. HERO ID: 4166920.**
  175. González-Sánchez, J., et al. (2017). Determination of phthalic acid esters in water samples using core-shell poly(dopamine) magnetic nanoparticles and gas chromatography tandem mass spectrometry. *Journal of Chromatography A*, 1530, 35-44. doi:10.1016/j.chroma.2017.11.013. **Accession Number: 29146426. HERO ID: 4728549.**
  176. Gries, W., et al. (2012). Analytical method for the sensitive determination of major di-(2-propylheptyl)-phthalate metabolites in human urine. *Journal of Chromatography B*, 908, 128-136. doi:10.1016/j.jchromb.2012.09.019. **Accession Number: 23040987. HERO ID: 1596821.**
  177. Grimm, M.O., et al. (2011). From brain to food: analysis of phosphatidylcholins, lyso-phosphatidylcholins and phosphatidylcholin-plasmalogens derivatives in Alzheimer's disease human post mortem brains and mice model via mass spectrometry. *J Chromatogr A*, 1218(42), 7713-22. doi:10.1016/j.chroma.2011.07.073. **Accession Number: 21872257.**
  178. Grimm, M.O., et al. (2011). Intracellular APP Domain Regulates Serine-Palmitoyl-CoA Transferase Expression

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

- and Is Affected in Alzheimer's Disease. *Int J Alzheimers Dis*, 2011, 695413. doi:10.4061/2011/695413. **Accession Number: 21660213.**
179. Grimm, M.O., et al. (2011). Plasmalogen synthesis is regulated via alkyl-dihydroxyacetonephosphate-synthase by amyloid precursor protein processing and is affected in Alzheimer's disease. *J Neurochem*, 116(5), 916-25. doi:10.1111/j.1471-4159.2010.07070.x. **Accession Number: 21214572.**
180. Grimm, M.O., et al. (2017). APP Function and Lipids: A Bidirectional Link. *Front Mol Neurosci*, 10, 63. doi:10.3389/fnmol.2017.00063. **Accession Number: 28344547.**
181. Grimm, M.O., J. Mett, and T. Hartmann. (2016). The Impact of Vitamin E and Other Fat-Soluble Vitamins on Alzheimer's Disease. *Int J Mol Sci*, 17(11). doi:10.3390/ijms17111785. **Accession Number: 27792188.**
182. Grimm, M.O., et al. (2016). Eicosapentaenoic acid and docosahexaenoic acid increase the degradation of amyloid-beta by affecting insulin-degrading enzyme. *Biochem Cell Biol*, 94(6), 534-542. doi:10.1139/bcb-2015-0149. **Accession Number: 27813426.**
183. Grimm, M.O., et al. (2016). Tocotrienol Affects Oxidative Stress, Cholesterol Homeostasis and the Amyloidogenic Pathway in Neuroblastoma Cells: Consequences for Alzheimer's Disease. *Int J Mol Sci*, 17(11). doi:10.3390/ijms17111809. **Accession Number: 27801864.**
184. Grimm, M.O., et al. (2012). Trans fatty acids enhance amyloidogenic processing of the Alzheimer amyloid precursor protein (APP). *J Nutr Biochem*, 23(10), 1214-23. doi:10.1016/j.jnutbio.2011.06.015. **Accession Number: 22209004.**
185. Grimm, M.O., et al. (2013). The impact of cholesterol, DHA, and sphingolipids on Alzheimer's disease. *Biomed Res Int*, 2013, 814390. doi:10.1155/2013/814390. **Accession Number: 24575399.**
186. Grimm, M.O., et al. (2012). Amyloid precursor protein (APP) mediated regulation of ganglioside homeostasis linking Alzheimer's disease pathology with ganglioside metabolism. *PLoS One*, 7(3), e34095. doi:10.1371/journal.pone.0034095. **Accession Number: 22470521.**
187. Grimm, M.O.W., D.M. Michaelson, and T. Hartmann. (2017). Omega-3 fatty acids, lipids, and apoE lipidation in Alzheimer's disease: a rationale for multi-nutrient dementia prevention. *J Lipid Res*, 58(11), 2083-2101. doi:10.1194/jlr.R076331. **Accession Number: 28528321.**
188. Grimm, M.O.W., et al. (2017). Vitamin D and Its Analogues Decrease Amyloid-beta (A $\beta$ ) Formation and Increase A $\beta$ -Degradation. *Int J Mol Sci*, 18(12). doi:10.3390/ijms18122764. **Accession Number: 29257109.**
189. Grosgen, S., et al. (2010). Role of amyloid beta in lipid homeostasis. *Biochim Biophys Acta*, 1801(8), 966-74. doi:10.1016/j.bbali.2010.05.002. **Accession Number: 20452461.**
190. Gryniewicz-Bylina, B. (2011). DANGEROUS PHTHALATES IN CHILDREN'S ENVIRONMENT. 18(4), 455-463. **HERO ID: 1325712.**
191. Guttler, M. and K. Neumann. (2000). SCOPELAND 2000 - The platform for Direct Data Processing in statistics. *Computational Statistics & Data Analysis*, 34(4), 515-525. **Accession Number: WOS:000090032300008.**
192. Haishima, Y., et al. (2014). Screening study on hemolysis suppression effect of an alternative plasticizer for the development of a novel blood container made of polyvinyl chloride. *Journal of Biomedical Materials Research. Part B: Applied Biomaterials*, 102(4), 721-728. doi:10.1002/jbm.b.33052. **Accession Number: 24155207. HERO ID: 2309871.**
193. Hannas, B.R., et al. (2012). Genomic biomarkers of phthalate-induced male reproductive developmental toxicity: A targeted RT-PCR array approach for defining relative potency. *Toxicological Sciences*, 125(2), 544-557. doi:10.1093/toxsci/kfr315. **Accession Number: 22112501. HERO ID: 1004932.**
194. Hantouche, C.M., et al. (2010). Role of glucagon-like peptide-1 analogues on insulin receptor regulation in diabetic rat hearts. *Can J Physiol Pharmacol*, 88(1), 54-63. doi:10.1139/Y09-095. **Accession Number: 20130739.**
195. Harris, K.R. (2009). Temperature and Pressure Dependence of the Viscosities of 2-Ethylhexyl Benzoate, Bis(2-ethylhexyl) Phthalate, 2,6,10,15,19,23-Hexamethyltetracosane (Squalane), and Diisodecyl Phthalate. *Journal of Chemical and Engineering Data*, 54(9), 2729-2738. doi:10.1021/jc900284z. **Accession Number: WOS:000269699600053.**
196. Harris, K.R. and S. Bair. (2007). Temperature and pressure dependence of the viscosity of diisodecyl phthalate at temperatures between (0 and 100) degrees C and at pressures to 1 GPa. *Journal of Chemical and Engineering Data*, 52(1), 272-278. doi:10.1021/jc060382+. **Accession Number: WOS:000243388900051.**
197. Harris, R., et al. (2007). Effects of endocrine disruptors on dehydroepiandrosterone sulfotransferase and enzymes involved in PAPS synthesis: genomic and nongenomic pathways. *Environmental Health Perspectives*, 115(S-1), 51-54. doi:10.1289/ehp.9365. **Accession Number: 18174950. HERO ID: 698232.**

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

198. 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(5), 489-499. doi:10.1016/j.ijheh.2015.04.002. **Accession Number: WOS:000356547500007.**
199. Hasegawa, A. (2003). Determination of Phthalate Esters in the Atmosphere by LC/MS/MS. *Bunseki Kagaku / Analysis Chemistry*, 52(1), 15-20. doi:10.2116/bunsekikagaku.52.15. **HERO ID: 1057366.**
200. Hazelton, L. (1983). Final Report. Screening of priority chemicals for potential reproductive hazard. (NIOSH/00133459)NIOSH (The National Institute for Occupational Safety and Health). Report. **HERO ID: 680362.**
201. Hazleton Biotechnologies, C. (1986). Four final mutagenicity reports regarding diisononyl phthalate, di-(heptyl, nonyl, undecyl) phthalates, diisodecyl phthalate and diundecyl phthalate. Chemical Manufacturers Association. Report. **HERO ID: 1239567.**
202. Hazleton, L. (1983). Screening of priority chemicals for potential reproductive hazard (final report) with attachments and cover sheet. (TSCATS/400290, OTS0516205, Doc I.D. 86-870001624)Shell Oil Company. Report. **HERO ID: 790471.**
203. He, Y.F., et al. (2015). Elastohydrodynamic lubrication properties and friction behaviors of several ester base stocks. *Friction*, 3(3), 243-255. doi:10.1007/s40544-015-0090-6. **Accession Number: WOS:000209842200006.**
204. Hellwig, J., H. Freudenberger, and R. Jäckh. (1997). Differential prenatal toxicity of branched phthalate esters in rats. *Food and Chemical Toxicology*, 35(5), 501-512. doi:10.1016/S0278-6915(97)00008-2. **Accession Number: 9216749. HERO ID: 674193.**
205. Hervé-Bazin, B., et al. (2001). [Phthalates]. (CIS/02/01397)Health and Safety Executive. Report. **HERO ID: 1333440.**
206. Hills, R.J. and F.A. Ivey. (1993). Allergic contact dermatitis from di-isodecyl phthalate in a polyvinyl chloride identity band. *Contact Dermatitis*, 29(2), 94-95. **Accession Number: 8365184. HERO ID: 1598822.**
207. Hirata-Koizumi, M., et al. (2012). [Toxicity effects of phthalate substitute plasticizers used in toys]. *Kokuritsu Iyakuhiin Shokuhin Eisei Kenkyū,jo Hokokusho / Bulletin of the National Institute of Health Sciences*(130), 31-42. **Accession Number: 23243985. HERO ID: 1356868.**
208. Hirayama, K., et al. (2001). Analysis of plasticizers in cap-sealing resins for bottled foods. *Food Additives and Contaminants*, 18(4), 357-362. doi:10.1080/02652030119099. **Accession Number: 11339270. HERO ID: 679678.**
209. Hizal, G., et al. (1992). Photoreactions of Phthalic-Acid Dialkyl Esters - a Flash-Photolysis Study. *Journal of Photochemistry and Photobiology a-Chemistry*, 69(1), 33-39. doi:10.1016/1010-6030(92)85257-U. **Accession Number: WOS:A1992KD11500005.**
210. Hopf, N.B., et al. (2014). Skin permeation and metabolism of di(2-ethylhexyl) phthalate (DEHP). *Toxicol Lett*, 224(1), 47-53. doi:10.1016/j.toxlet.2013.10.004. **Accession Number: 24140552.**
211. Howard, P.H., S. Banerjee, and K.H. Robillard. (1985). Measurement of water solubilities octanol-water partition coefficients and vapor pressures of commercial phthalate esters. *Environmental Toxicology and Chemistry*, 4(5), 653-662. doi:10.1002/etc.5620040509. **HERO ID: 679985.**
212. Hsu, J.Y., C.L. Shih, and P.C. Liao. (2017). Exposure Marker Discovery of Phthalates Using Mass Spectrometry. *6(Spec Iss)*, S0062. doi:10.5702/massspectrometry.S0062. **Accession Number: 28573083. HERO ID: 3859065.**
213. Huntingdon Research, C. (1994). Jayflex DINP. Skin Sensitisation in the Guinea Pig. Exxon Chemical International. Report. **HERO ID: 1987624.**
214. Hushka, L.J., et al. (2001). Two-generation reproduction studies in rats fed di-isodecyl phthalate. *Reproductive Toxicology*, 15(2), 153-169. **Accession Number: 11297875. HERO ID: 1336376.**
215. Ierapetritis, I., A. Lioupi, and E. Lampi. (2014). Determination of Phthalates into Vegetable Oils by Isotopic Dilution Gas Chromatography Mass Spectrometry. *Food Analytical Methods*, 7(7), 1451-1457. doi:10.1007/s12161-013-9770-x. **HERO ID: 2347890.**
216. Irastorza, L.J., et al. (2012). Psychometric properties of the Spanish version of the diagnostic interview for depressive personality. *Eur Psychiatry*, 27(8), 582-90. doi:10.1016/j.eurpsy.2010.11.003. **Accession Number: 21296561.**
217. Iyama, T., et al. (2010). NUDT16 is a (deoxy)inosine diphosphatase, and its deficiency induces accumulation of single-strand breaks in nuclear DNA and growth arrest. *Nucleic Acids Res*, 38(14), 4834-43. doi:10.1093/nar/gkq249. **Accession Number: 20385596.**

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

218. Jahnke, G.D., et al. (2004). NTP center for the evaluation of risks to human reproduction: The first five years. *Birth Defects Research, Part A: Clinical and Molecular Teratology*, 70(5), 288. **HERO ID: 679994.**
219. Janeiro, F.M., et al. (2010). Impedance Spectroscopy of a Vibrating Wire for Viscosity Measurements. *2010 IEEE International Instrumentation and Measurement Technology Conference I2mtc 2010, Proceedings*. **Accession Number: WOS:000287997200204.**
220. Jeon, S.H., et al. (2018). Development and Validation of Gas Chromatography-Triple Quadrupole Mass Spectrometric Method for Quantitative Determination of Regulated Plasticizers in Medical Infusion Sets. *2018*, 9470254. doi:10.1155/2018/9470254. **Accession Number: 29629214. HERO ID: 4829416.**
221. Johns, L.E., et al. (2015). Exposure assessment issues in epidemiology studies of phthalates. *Environment International*, 85, 27-39. doi:10.1016/j.envint.2015.08.005. **Accession Number: 26313703. HERO ID: 3052885.**
222. Josh, M.K.S., et al. (2016). Accessing the molecular interactions of phthalates and their primary metabolites with the human pregnane X receptor using in silico profiling. *Journal of Applied Toxicology*, 36(12), 1599-1604. doi:10.1002/jat.3321. **Accession Number: WOS:000385782200008.**
223. Kadaba, M.P., et al. (1984). Ultrasound mapping of the buttock-cushion interface contour. *Arch Phys Med Rehabil*, 65(8), 467-9. **Accession Number: 6466077.**
224. Kamendulis, L.M., et al. (2002). Comparative effects of phthalate monoesters on gap junctional intercellular communication and peroxisome proliferation in rodent and primate hepatocytes. *Journal of Toxicology and Environmental Health-Part a-Current Issues*, 65(8), 569-588. doi:10.1080/152873902317349736. **Accession Number: WOS:000175201300001.**
225. Kamrin, M.A. (2009). Phthalate risks, phthalate regulation, and public health: A review. *Journal of Toxicology and Environmental Health, Part B: Critical Reviews*, 12(2), 157-174. doi:10.1080/10937400902729226. **Accession Number: 19235623. HERO ID: 675953.**
226. Kang, S.C. and B.M. Lee. (2004). Comparative evaluation of phthalates for sperm motility and male fertility in Sprague-Dawley rats. *Birth Defects Research, Part A: Clinical and Molecular Teratology*, 70(5), 310. **HERO ID: 799711.**
227. Kasper-Sonnenberg, M., et al. (2012). Levels of phthalate metabolites in urine among mother-child-pairs - Results from the Duisburg birth cohort study, Germany. *International Journal of Hygiene and Environmental Health*, 215(3), 373-382. doi:10.1016/j.ijheh.2011.09.004. **Accession Number: 21983396. HERO ID: 787906.**
228. Kato, K., et al. (2007). Urinary metabolites of diisodecyl phthalate in rats. *Toxicology*, 236(1-2), 114-122. doi:10.1016/j.tox.2007.04.009. **Accession Number: 17499416. HERO ID: 131728.**
229. Kavlock, R., et al. (2002). NTP Center for the Evaluation of Risks to Human Reproduction: phthalates expert panel report on the reproductive and developmental toxicity of diisodecyl phthalate. *Reproductive Toxicology*, 16(5), 655-678. **Accession Number: 12406495. HERO ID: 1598081.**
230. Kawakami, T., K. Isama, and A. Matsuoka. (2011). Analysis of phthalic acid diesters, monoester, and other plasticizers in polyvinyl chloride household products in Japan. *Journal of Environmental Science and Health, Part A: Toxic/Hazardous Substances & Environmental Engineering*, 46(8), 855-864. doi:10.1080/10934529.2011.579870. **Accession Number: 21714626. HERO ID: 788229.**
231. Kempter, A., C. Gemel, and R.A. Fischer. (2008). Oxidative addition of group 13 and 14 metal halides and alkyls to Ga(DDP) (DDP = bulky bisimidate). *Inorganic Chemistry*, 47(16), 7279-7285. doi:10.1021/ic800690z. **Accession Number: WOS:000258332900029.**
232. Khalil, M.M.H., et al. (2014). Distribution of phthalate esters in Egyptian edible oil. *17(6)*, 1343-1351. doi:10.1080/0972060X.2014.952346. **HERO ID: 2823325.**
233. Kim, B.H., W.S. Cho, and B.S. Han. (2011). Spontaneous multicentric malignant schwannoma in a male Fischer 344 rat. *Toxicol Res*, 27(3), 149-52. doi:10.5487/TR.2011.27.3.149. **Accession Number: 24278565.**
234. King, D.A. (1996). Occupational exposure to phthalate esters with specific reference to di-ethyl hexyl phthalate (DEHP), di-butyl phthalate (DBP), di-isononyl phthalate (DINP), and diisodecyl phthalate (DIDP). King DA. Report. **HERO ID: 1988286.**
235. Koch, H.M., et al. (2012). Phthalate exposure during cold plastisol application-A human biomonitoring study. *Toxicology Letters*, 213(1), 100-106. doi:10.1016/j.toxlet.2011.06.010. **Accession Number: 21704685. HERO ID: 787918.**
236. Koch, H.M., et al. (2013). Identifying sources of phthalate exposure with human biomonitoring: Results of a 48h fasting study with urine collection and personal activity patterns. *International Journal of Hygiene and Environmental Health*, 216(6), 672-681. doi:10.1016/j.ijheh.2012.12.002. **Accession Number: 23333758.**

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

- HERO ID: 1464613.**
237. Koch, H.M., J. Muller, and J. Angerer. (2007). Determination of secondary, oxidised di-iso-nonylphthalate (DINP) metabolites in human urine representative for the exposure to commercial DINP plasticizers. *J Chromatogr B Analyt Technol Biomed Life Sci*, 847(2), 114-25. doi:10.1016/j.jchromb.2006.09.044. **Accession Number: 17055785.**
238. Koch, H.M., et al. (2011). Exposure to phthalates in 5-6 years old primary school starters in Germany--a human biomonitoring study and a cumulative risk assessment. *International Journal of Hygiene and Environmental Health*, 214(3), 188-195. doi:10.1016/j.ijheh.2011.01.009. **Accession Number: 21371937. HERO ID: 788286.**
239. Kransler, K.M., A.N. Bachman, and R.H. McKee. (2013). Estimates of daily di-isodecyl phthalate (DIDP) intake calculated from urinary biomonitoring data. *Regulatory Toxicology and Pharmacology*, 65(1), 29-33. doi:10.1016/j.yrtph.2012.11.004. **Accession Number: 23174424. HERO ID: 1597701.**
240. Kruger, T., et al. (2012). Effects of phthalates on the human corneal endothelial cell line B4G12. *International Journal of Toxicology*, 31(4), 364-371. doi:10.1177/1091581812449660. **Accession Number: 22723514. HERO ID: 1249858.**
241. Kruger, T., M. Long, and E.C. Bonefeld-Jørgensen. (2008). Plastic components affect the activation of the aryl hydrocarbon and the androgen receptor. *Toxicology*, 246(2-3), 112-123. doi:10.1016/j.tox.2007.12.028. **Accession Number: 18294747. HERO ID: 675263.**
242. Kubwabo, C., et al. (2013). Analysis of selected phthalates in Canadian indoor dust collected using a household vacuum and a standardized sampling techniques. *Indoor Air*, 23(6), 506-514. doi:10.1111/ina.12048. **Accession Number: 23621316. HERO ID: 1588869.**
243. Kumar, V. and S.S. Maitra. (2016). Biodegradation of endocrine disruptor dibutyl phthalate (DBP) by a newly isolated *Methylobacillus* sp. V29b and the DBP degradation pathway. *3 Biotech*, 6(2), 200. doi:10.1007/s13205-016-0524-5. **Accession Number: 28330272.**
244. Kumar, V., N. Sharma, and S.S. Maitra. (2017). Comparative study on the degradation of dibutyl phthalate by two newly isolated *Pseudomonas* sp. V21b and *Comamonas* sp. 51F. *15*, 1-10. doi:10.1016/j.btre.2017.04.002. **Accession Number: 28580302. HERO ID: 3859063.**
245. Kwack, S., et al. (2009). Comparative toxicological evaluation of phthalate diesters and metabolites in Sprague-Dawley male rats for risk assessment. *Journal of Toxicology and Environmental Health, Part A: Current Issues*, 72(21-22), 1446-1454. doi:10.1080/15287390903212923. **Accession Number: 20077217. HERO ID: 697382.**
246. Kwack, S.J., et al. (2010). Comparison of the short term toxicity of phthalate diesters and monoesters in Sprague-Dawley male rats. *Toxicological Research*, 26(1), 75-82. doi:10.5487/TR.2010.26.1.075. **Accession Number: 24278509. HERO ID: 792143.**
247. Kwack, S.J., et al. (2009). Comparative toxicological evaluation of phthalate diesters and metabolites in Sprague-Dawley male rats for risk assessment. *J Toxicol Environ Health A*, 72(21-22), 1446-54. doi:10.1080/15287390903212923. **Accession Number: 20077217.**
248. Lai, Y., et al. (2012). [Determination of phthalic acid esters in imitation jewellery and investigation of their migration risk]. *Sepu / Chinese Journal of Chromatography*, 30(7), 647-653. **Accession Number: 23189657. HERO ID: 1332524.**
249. Lardjane, N. and N. Belhaneche-Bensemra. (2009). Migration of Additives in Simulated Landfills and Soil Burial Degradation of Plasticized PVC. *Journal of Applied Polymer Science*, 111(1), 525-531. doi:10.1002/app.29104. **Accession Number: WOS:000261152400061.**
250. Larsen, S.T., et al. (2002). Adjuvant effect of di-n-butyl-, di-n-octyl-, di-iso-nonyl- and di-iso-decyl phthalate in a subcutaneous injection model using BALB/c mice. *Pharmacol Toxicol*, 91(5), 264-72. **Accession Number: 12570034.**
251. Lederer, J. (1986). [Problems raised by possible contamination foods by phthalates]. *Archives Belges de Médecine Sociale, Hygiène, Médecine du Travail et Médecine Légale*, 44(1-2), 3-44. **Accession Number: 3521514. HERO ID: 680331.**
252. Lee, B.M. and H.J. Koo. (2007). Hershberger assay for antiandrogenic effects of phthalates. *Journal of Toxicology and Environmental Health, Part A: Current Issues*, 70(15-16), 1365-1370. doi:10.1080/15287390701432285. **Accession Number: 17654256. HERO ID: 673292.**
253. Lee, H., et al. (2019). Comparative analysis of endocrine disrupting effects of major phthalates in employed two cell lines (MVLN and H295R) and embryonic zebrafish assay. *Environ Res*, 172, 319-325.

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

- doi:10.1016/j.envres.2019.02.033. **Accession Number: 30825681.**
254. Leng, G., et al. (2014). Urinary metabolite excretion after oral dosage of bis(2-propylheptyl)phthalate (dphp) to five male volunteers - characterization of suitable biomarkers for human biomonitoring. *Toxicology Letters*, 237(2), 282-288. doi:10.1016/j.toxlet.2014.06.035. **Accession Number: 24973492. HERO ID: 2345945.**
255. Lensen, G.J., et al. (2012). Contact allergy to di-isodecyl phthalate. *Contact Dermatitis*, 66(4), 230-231. doi:10.1111/j.1600-0536.2012.02011.x. **Accession Number: 22404200. HERO ID: 1597798.**
256. Lin, L.I.K. (1987). The use of multivariate analysis to compare peroxisome induction data on phthalate esters in rats. *Toxicology and Industrial Health*, 3(2), 25-48. doi:10.1177/074823378700300204. **Accession Number: 3617068. HERO ID: 675286.**
257. Lin, Z.P., et al. (2003). Determination of phthalate ester congeners and mixtures by LC/ESI-MS in sediments and biota of an urbanized marine inlet. *Environmental Science and Technology*, 37(10), 2100-2108. doi:10.1021/es026361r. **Accession Number: 12785513. HERO ID: 680053.**
258. Lin, Z.P., et al. (2003). Determination of phthalate ester congeners and mixtures by LC/ESI-MS in sediments and biota of an urbanized marine inlet. *Environmental Science & Technology*, 37(10), 2100-2108. doi:10.1021/es026361r. **Accession Number: WOS:000182866000010.**
259. Linde, E. and U.W. Gedde. (2014). Plasticizer migration from PVC cable insulation - The challenges of extrapolation methods. *Polymer Degradation and Stability*, 101, 24-31. doi:10.1016/j.polymdegradstab.2014.01.021. **Accession Number: WOS:000334000400004.**
260. Liu, X., et al. (2015). Long-term treatment with Ginkgo biloba extract EGb 761 improves symptoms and pathology in a transgenic mouse model of Alzheimer's disease. *Brain Behav Immun*, 46, 121-31. doi:10.1016/j.bbi.2015.01.011. **Accession Number: 25637484.**
261. Liu, Y. and K. Fassbender. (2018). Deficiency of TLR4 ameliorates hypoperfusion-induced brain pathology. *Theranostics*, 8(22), 6355-6356. doi:10.7150/thno.30953. **Accession Number: 30613303.**
262. Liu, Y., et al. (2014). IKKbeta deficiency in myeloid cells ameliorates Alzheimer's disease-related symptoms and pathology. *J Neurosci*, 34(39), 12982-99. doi:10.1523/JNEUROSCI.1348-14.2014. **Accession Number: 25253847.**
263. LlompardVizoso, M.P., R.A. LorenzoFerreira, and R. CelaTorrijos. (1996). Gas-chromatographic headspace analysis of phenol and cresols in soils by direct acetylation. *Hrc-Journal of High Resolution Chromatography*, 19(4), 207-212. **Accession Number: WOS:A1996UM82700005.**
264. Lu, J.F., et al. (1995). Effects of Cisplatin and its analogues on the permeability of human erythrocyte membrane. *Met Based Drugs*, 2(2), 73-80. doi:10.1155/MBD.1995.73. **Accession Number: 18472748.**
265. Lugo, L., et al. (2012). An experimental setup for isobaric heat capacities for viscous fluids at high pressure: Squalane, bis(2-ethylhexyl) sebacate and bis(2-ethylhexyl) phthalate. *Journal of Chemical Thermodynamics*, 49, 75-80. doi:10.1016/j.jct.2012.01.011. **Accession Number: WOS:000301130000010.**
266. Lundberg, G. and C. Nilsson. (1994). Phthalic acid esters used as plastic additives: Volume 1. Ecotoxicological risk assessment, Volume 2. Comparisons of toxicological effects. (NTIS/03003420\_a)Swedish National Chemicals Inspectorate. Report. **HERO ID: 680058.**
267. Luongo, G. and C. Ostman. (2016). Organophosphate and phthalate esters in settled dust from apartment buildings in Stockholm. *Indoor Air*, 26(3), 414-25. doi:10.1111/ina.12217. **Accession Number: 25929991.**
268. Mackintosh, C.E., et al. (2006). Sorption of phthalate esters and PCBs in a marine ecosystem. *Environmental Science & Technology*, 40(11), 3481-3488. doi:10.1021/es0519637. **Accession Number: WOS:000237921200014.**
269. Malarvannan, G., et al. (2019). Phthalate and alternative plasticizers in indwelling medical devices in pediatric intensive care units. *J Hazard Mater*, 363, 64-72. doi:10.1016/j.jhazmat.2018.09.087. **Accession Number: 30308366.**
270. Manufacturing, C.E.F.t.S.O.C. and E.P. Agency (1998) *Standards of Performance for New Stationary Sources: Volatile Organic Compound Emissions From the Synthetic Organic Chemical Manufacturing Industry Wastewater; Supplement to Proposed Rule 12/9/1998* Type of Entry: Proposed Rule, **Federal Register 98-28472**, Retrieved from: <https://www.federalregister.gov/documents/1998/12/09/98-28472/standards-of-performance-for-new-stationary-sources-volatile-organic-compound-emissions-from-the>
271. Marceneiro, S., et al. (2018). Effects of Poly(vinyl chloride) Morphological Properties on the Rheology/Aging of Plastics and on the Thermal/Leaching Properties of Films Formulated Using Nonconventional Plasticizers. *Industrial & Engineering Chemistry Research*, 57(5), 1454-1467. doi:10.1021/acs.iecr.7b03097. **Accession Number: WOS:000424851800014.**

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

272. Marcilla, A., et al. (1995). FUSION BEHAVIOUR OF PLASTISOLS OF PVC STUDIED BY ATR-FTIR. **HERO ID: 1313015.**
273. Marin, M.L., et al. (1998). Analysis of potentially toxic phthalate plasticizers used in toy manufacturing. *Bull Environ Contam Toxicol*, 60(1), 68-73. **Accession Number: 9484558.**
274. Matsuyama, H., et al. (2004). Effect of polymer density on polyethylene hollow fiber membrane formation via thermally induced phase separation. *Journal of Applied Polymer Science*, 93(1), 471-474. doi:10.1002/app.20461. **Accession Number: WOS:000221303800056.**
275. Matsuyama, H., et al. (2003). Preparation of polyethylene hollow fiber membrane via thermally induced phase separation. *Journal of Membrane Science*, 223(1-2), 119-126. doi:10.1016/S0376-7388(03)00314-4. **Accession Number: WOS:000186126100010.**
276. McKee, R., et al. (2005). Assessment of hazard potential and risk for asthmatic responses following residential exposure to phthalates. *Toxicologist*, 84(Suppl 1), 55. **HERO ID: 680070.**
277. McKee, R.H., et al. (2004). NTP center for the evaluation of risks to human reproduction reports on phthalates: Addressing the data gaps. *Reproductive Toxicology*, 18(1), 1-22. doi:10.1016/j.reprotox.2003.09.002. **Accession Number: 15013060. HERO ID: 676284.**
278. McKee, R.H., et al. (2000). Di(isononyl) phthalate (DINP) and di(isodecyl) phthalate (DIDP) are not mutagenic. *Journal of Applied Toxicology*, 20(6), 491-497. doi:10.1002/1099-1263(200011/12)20:6<491::AID-JAT724>3.0.CO;2-H. **Accession Number: 11180272. HERO ID: 680077.**
279. McLennan, A.G. (2013). Substrate ambiguity among the nudix hydrolases: biologically significant, evolutionary remnant, or both? *Cell Mol Life Sci*, 70(3), 373-85. doi:10.1007/s00018-012-1210-3. **Accession Number: 23184251.**
280. Medeiros, A.M., D.J. Devlin, and L.H. Keller. (1999). Evaluation of skin sensitization response of dialkyl (C6-C13) phthalate esters. *Contact Dermatitis*, 41(5), 287-289. **Accession Number: 10554065. HERO ID: 680080.**
281. Mersiowsky, I., M. Weller, and J. Ejlertsson. (2001). Fate of plasticised PVC products under landfill conditions: a laboratory-scale landfill simulation reactor study. *Water Research*, 35(13), 3063-3070. doi:10.1016/S0043-1354(01)00027-6. **Accession Number: 11487101. HERO ID: 789766.**
282. Mirzaie, A., A. Jamshidi, and S. Waqif-Husain. (2007). Fast chromatographic separation of plasticizers on thin layers of an inorganic ion-exchanger: Quantitative determination of di(2-ethylhexyl)phthalate. *Chromatographia*, 65(3-4), 245-248. doi:10.1365/s10337-006-0143-0. **HERO ID: 1322432.**
283. Mlynar, A., M. Ficková, and S. Scsuková. (2007). The effects of selected phenol and phthalate derivatives on steroid hormone production by cultured porcine granulosa cells. *Alternatives to Laboratory Animals*, 35(1), 71-77. **Accession Number: 17411354. HERO ID: 680084.**
284. Mohammed, F.S., et al. (2015). Epoxidized linolenic acid salts as multifunctional additives for the thermal stability of plasticized PVC. *Journal of Applied Polymer Science*, 132(13). doi:ARTN 41736 10.1002/app.41736. **Accession Number: WOS:000347464200023.**
285. Moldoveanu, S.C. and R. Yerabolu. (2018). Critical evaluation of several techniques for the analysis of phthalates and terephthalates: Application to liquids used in electronic cigarettes. *J Chromatogr A*, 1540, 77-86. doi:10.1016/j.chroma.2018.02.001. **Accession Number: 29429742.**
286. Mortamais, M., et al. (2012). Correcting for the influence of sampling conditions on biomarkers of exposure to phenols and phthalates: a 2-step standardization method based on regression residuals. *Environmental Health: A Global Access Science Source*, 11, 29. doi:10.1186/1476-069X-11-29. **Accession Number: 22537080. HERO ID: 1597770.**
287. Mu, C. and Q. Wu. (2017). Electrospun Poly(epsilon-caprolactone) Composite Nanofibers with Controlled Release of Cis-Diamminediodoplatinum for a Higher Anticancer Activity. *Nanoscale Res Lett*, 12(1), 318. doi:10.1186/s11671-017-2092-y. **Accession Number: 28460490.**
288. Myrnes, B., P.H. Guddal, and H. Krokan. (1982). Metabolism of dITP in HeLa cell extracts, incorporation into DNA by isolated nuclei and release of hypoxanthine from DNA by a hypoxanthine-DNA glycosylase activity. *Nucleic Acids Res*, 10(12), 3693-701. **Accession Number: 7050910.**
289. Nagorka, R., et al. (2010). Plasticizers and flame retardants in household dust - part 1: phthalates. *Gefahrstoffe, Reinhaltung der Luft / Air Quality Control*, 70(3), 70-76. **HERO ID: 746858.**
290. Nagorka, R., C. Scheller, and D. Ullrich. (2005). Plasticizer in house dust. *Gefahrstoffe, Reinhaltung der Luft / Air Quality Control*, 65(3), 99-105. **HERO ID: 1325759.**
291. National Toxicology, P. (2003). NTP-CERHR Monograph on the Potential Human Reproductive and Developmental Effects of Di-Isodecyl Phthalate (DIDP). *NTP CERHR MON(3)*, i-III90. **Accession Number:**



## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

- 15995727.**
292. Nguyen, C.T., et al. (2013). Enhancement of transduction performance of a dielectric elastomer actuator based on acrylonitrile butadiene rubber. *Macromolecular Research*, 21(1), 85-91. doi:10.1007/s13233-013-1013-x. **Accession Number: WOS:000314280900013.**
  293. Nielsen, J., B. Akesson, and S. Skerfving. (1985). Phthalate ester exposure--air levels and health of workers processing polyvinylchloride. *Am Ind Hyg Assoc J*, 46(11), 643-7. doi:10.1080/15298668591395463. **Accession Number: 4072908.**
  294. Nikiforov, A.I. and G.D. Koehler. (1994). Developmental toxicity studies on diisononyl phthalate (DINP) and di-isodecyl phthalate (DIDP). *74 suppl 1*, 57. **HERO ID: 1988298.**
  295. Nikiforov, A.I., et al. (1997). Lack of transgenerational reproductive effects following treatment with di-isodecyl phthalate. *Toxicologist*, 36(1 Pt 2). **HERO ID: 1588747.**
  296. Niu, Z., et al. (2006). [Determination of phthalic acid esters in textiles by solid phase extraction-gas chromatography]. *Sepu / Chinese Journal of Chromatography*, 24(5), 503-507. **Accession Number: 17165549. HERO ID: 679785.**
  297. Nojima, S., K. Shiroshita, and T. Nose. (1982). Phase-Separation Process in Polymer Systems .2. Microscopic Studies on a Polystyrene and Diisodecyl Phthalate Mixture. *Polymer Journal*, 14(4), 289-294. doi:DOI 10.1295/polymj.14.289. **Accession Number: WOS:A1982NL66400006.**
  298. North, M.L., et al. (2014). Effects of phthalates on the development and expression of allergic disease and asthma. *Annals of Allergy Asthma & Immunology*, 112(6), 496-502. doi:10.1016/j.anai.2014.03.013. **Accession Number: WOS:000336498400005.**
  299. Ntp. (2000). Center for the evaluation of risks to human reproduction: NTP-CERHR expert panel report on di-n-butyl phthalate. (NTP-CERHR-DBP-00)U.S. Department of Health and Human Services. Report. **HERO ID: 3479498.**
  300. Ntp, C. (2000). NTP-CERHR expert panel report on di-n-butyl phthalate. (NTP-CERHR-DBP-00)National Toxicology Program Center for the Evaluation of Risks to Human Reproduction. Report. **HERO ID: 679850.**
  301. Ntp, C. (2003). NTP-CERHR monograph on the potential human reproductive and developmental effects of di-isodecyl phthalate (DIDP). (NIH 03-4485)National Toxicology Program Center for the Evaluation of Risks to Human Reproduction. Report. **Accession Number: 15995727. HERO ID: 679108.**
  302. Oehlmann, J., M. Oetken, and U. Schulte-Oehlmann. (2008). A critical evaluation of the environmental risk assessment for plasticizers in the freshwater environment in Europe, with special emphasis on bisphenol A and endocrine disruption. *Environmental Research*, 108(2), 140-149. doi:10.1016/j.envres.2008.07.016. **Accession Number: 18949832. HERO ID: 680099.**
  303. O'Grady, D.P., P.H. Howard, and A.F. Werner. (1985). Activated sludge biodegradation of 12 commercial phthalate esters. *Applied and Environmental Microbiology*, 49(2), 443-445. **Accession Number: 16346734. HERO ID: 679791.**
  304. Olufunke, M.D., et al. (2008). Comparison of the Chemical Compositions of the Essential Oils from the Aerial Parts, Fruits and Roots of Nigerian *Laportea aestuans* (L.) Chew (Urticaceae). *Natural Product Communications*, 3(11), 1921-1924. **Accession Number: WOS:000261292200028.**
  305. Paredes, X., et al. (2009). Study of the effects of pressure on the viscosity and density of diisodecyl phthalate. *Journal of Chemical Thermodynamics*, 41(9), 1007-1015. doi:10.1016/j.jct.2009.04.002. **Accession Number: WOS:000267955100006.**
  306. Paredes, X., et al. (2012). Experimental density and viscosity measurements of di(2ethylhexyl)sebacate at high pressure. *Journal of Chemical Thermodynamics*, 44(1), 38-43. doi:10.1016/j.jct.2011.07.005. **Accession Number: WOS:000297082000007.**
  307. Paredes, X., et al. (2010). Experimental Dynamic Viscosities of Dipentaerythritol Ester Lubricants at High Pressure. *Journal of Chemical and Engineering Data*, 55(9), 3216-3223. doi:10.1021/je100057b. **Accession Number: WOS:000281567000047.**
  308. Park, J.M., et al. (2009). Biodegradation of diisodecyl phthalate (DIDP) by *Bacillus* sp. SB-007. *J Basic Microbiol*, 49 Suppl 1, S31-5. doi:10.1002/jobm.200800297. **Accession Number: 19322840.**
  309. Park, Y.N., et al. (2016). Simultaneous GC-MS determination of seven phthalates in total and migrated portions of paper cups. *Environmental Science and Pollution Research*, 23(10), 10270-10275. doi:10.1007/s11356-016-6604-6. **Accession Number: 27053047. HERO ID: 3207428.**
  310. Parkman, H. and M. Remberg. (1995). Phthalates in Swedish sediments. (IVLB1167)Swedish Environmental Research Institute. Report. **HERO ID: 680108.**

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

311. Patyna, P.J., et al. (2006). Hazard evaluation of diisononyl phthalate and diisodecyl phthalate in a Japanese medaka multigenerational assay. *Ecotoxicology and Environmental Safety*, 65(1), 36-47. doi:10.1016/j.ecoenv.2005.05.02. **Accession Number: 16029893. HERO ID: 680110.**
312. Patyna, P.J., et al. (1998). Evaluation of two phthalate ester mixtures in a three generation reproduction study using Japanese medaka (*Oryzias latipes*). *Toxicologist*, 42(1-S), 338-339. **HERO ID: 680111.**
313. Pedersen, G.A., et al. (2008). Migration of epoxidized soybean oil (ESBO) and phthalates from twist closures into food and enforcement of the overall migration limit. *Food Additives and Contaminants*, 25(4), 503-510. doi:10.1080/02652030701519088. **Accession Number: 18348048. HERO ID: 680112.**
314. Peleties, F., et al. (2010). Thermodynamic properties and equation of state of liquid di-isodecyl phthalate at temperature between (273 and 423) K and at pressures up to 140 MPa. *Journal of Chemical Thermodynamics*, 42(5), 631-639. doi:10.1016/j.jct.2009.12.002. **Accession Number: WOS:000276579700009.**
315. Peleties, F. and J.P.M. Trusler. (2011). Viscosity of Liquid Di-isodecyl Phthalate at Temperatures Between (274 and 373) K and at Pressures up to 140 MPa. *Journal of Chemical and Engineering Data*, 56(5), 2236-2241. doi:10.1021/je101256z. **Accession Number: WOS:000290427200069.**
316. Pelka, J. and B. Szablowska. (1996). Organosilanes as crosslinking agents for plasticized PVC compositions. *Polimery*, 41(11-12), 647-653. **Accession Number: WOS:A1996VX50000006.**
317. Peters, R.J.B., H. Beeltje, and R.J. van Delft. (2008). Xeno-estrogenic compounds in precipitation. *Journal of Environmental Monitoring*, 10(6), 760-769. doi:10.1039/b805983g. **Accession Number: 18528544. HERO ID: 510316.**
318. Peterson, J.C. and D.H. Freeman. (1982). Method validation of GC-MS-SIM analysis of phthalate esters in sediment. *International Journal of Environmental Analytical Chemistry*, 12(3-4), 277-292. doi:10.1080/03067318208078334. **HERO ID: 680375.**
319. Pimentel-Rodas, A., L.A. Galicia-Luna, and J.J. Castro-Arellano. (2016). Capillary Viscometer and Vibrating Tube Densimeter for Simultaneous Measurements up to 70 MPa and 423 K. *Journal of Chemical and Engineering Data*, 61(1), 45-55. doi:10.1021/acs.jced.5b00152. **Accession Number: WOS:000368564600007.**
320. Pimentel-Rodas, A., L.A. Galicia-Luna, and J.J. Castro-Arellano. (2017). Simultaneous Measurement of Dynamic Viscosity and Density of n-Alkanes at High Pressures. *Journal of Chemical and Engineering Data*, 62(11), 3946-3957. doi:10.1021/acs.jced.7b00650. **Accession Number: WOS:000415140900033.**
321. Pimentel-Rodas, A., L.A. Galicia-Luna, and J.J. Castro-Arellano. (2019). Viscosity and Density of n-Alcohols at Temperatures between (298.15 and 323.15) K and Pressures up to 30 MPa. *Journal of Chemical and Engineering Data*, 64(1), 324-336. doi:10.1021/acs.jced.8b00812. **Accession Number: WOS:000455561700035.**
322. Pita, V.J.R.R., E.E.M. Sampaio, and E.E.C. Monteiro. (2002). Mechanical properties evaluation of PVC/plasticizers and PVC/thermoplastic polyurethane blends from extrusion processing. *Polymer Testing*, 21(5), 545-550. doi:Pii S0142-9418(01)00122-2  
Doi 10.1016/S0142-9418(01)00122-2. **Accession Number: WOS:000175949200010.**
323. Polishuk, I. (2012). Modeling of Viscosities in Extended Pressure Range Using SAFT plus Cubic EoS and Modified Yarranton-Satyro Correlation. *Industrial & Engineering Chemistry Research*, 51(41), 13527-13537. doi:10.1021/ie3021208. **Accession Number: WOS:000309854800020.**
324. Pomatto, V., et al. (2018). Plasticizers used in food-contact materials affect adipogenesis in 3T3-L1 cells. *Journal of Steroid Biochemistry and Molecular Biology*, 178, 322-332. doi:10.1016/j.jsbmb.2018.01.014. **Accession Number: 29410257. HERO ID: 4829443.**
325. Qian, H., et al. (2015). Assessment of chemical coexposure patterns based upon phthalate biomonitoring data within the 2007/2008 National Health and Nutrition Examination Survey. *Journal of Exposure Science and Environmental Epidemiology*, 25(3), 249-255. doi:10.1038/jes.2014.24. **Accession Number: 24756100. HERO ID: 2345931.**
326. Qin, W., et al. (2018). Exposure to diisodecyl phthalate exacerbated Th2 and Th17-mediated asthma through aggravating oxidative stress and the activation of p38 MAPK. *Food Chem Toxicol*, 114, 78-87. doi:10.1016/j.fct.2018.02.028. **Accession Number: 29448086.**
327. Qu, R., et al. (2015). A comparative study on antioxidant status combined with integrated biomarker response in *Carassius auratus* fish exposed to nine phthalates. *Environmental Toxicology*, 30(10), 1125-1134. doi:10.1002/tox.21985. **Accession Number: 24616073. HERO ID: 2298080.**
328. Qu, R.J., et al. (2015). A comparative study on antioxidant status combined with integrated biomarker response in *Carassius auratus* fish exposed to nine phthalates. *Environmental Toxicology*, 30(10), 1125-1134.

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

- doi:10.1002/tox.21985. **Accession Number: WOS:000361237100002.**
329. Qureshi, M.S., et al. (2016). Methods for the determination of endocrine disrupting phthalate esters. *Critical Reviews in Analytical Chemistry*, 46(2), 146-159. doi:10.1080/10408347.2015.1004157. **Accession Number: 25831046. HERO ID: 2914669.**
330. Ramsey, J.D., et al. (1980). Gas liquid chromatographic retention indices of 296 nondrug substances on se-30 or ov-1 likely to be encountered in toxicological analyses. *Journal of Chromatography A*, 184(2), 185-206. doi:10.1016/S0021-9673(00)85641-1. **Accession Number: 7380921. HERO ID: 679799.**
331. Rastogi, S.C. (1998). Gas chromatographic analysis of phthalate esters in plastic toys. *Chromatographia*, 47(11-12), 724-726. doi:10.1007/BF02467461. **HERO ID: 675390.**
332. Reinhardt, S., et al. (2019). Transcriptional repression of the ectodomain sheddase ADAM10 by TBX2 and potential implication for Alzheimer's disease. *Cell Mol Life Sci*, 76(5), 1005-1025. doi:10.1007/s00018-018-2998-2. **Accession Number: 30599067.**
333. Rhodes, J.E., et al. (1995). Chronic toxicity of 14 phthalate esters to *Daphnia magna* and rainbow trout (*Oncorhynchus mykiss*). *Environmental Toxicology and Chemistry*, 14(11), 1967-1976. **HERO ID: 680120.**
334. Rodolfo, A. and L.H.I. Mei. (2009). PVC/Organically Modified Montmorillonite Nanocomposites: Effects of Processing and Clay Incorporation Methodology. *Polimeros-Ciencia E Tecnologia*, 19(1), 1-9. **Accession Number: WOS:000265282600005.**
335. Rothenbacher, T. and W. Schwack. (2009). Rapid and nondestructive analysis of phthalic acid esters in toys made of poly(vinyl chloride) by direct analysis in real time single-quadrupole mass spectrometry. *Rapid Communications in Mass Spectrometry*, 23(17), 2829-2835. doi:10.1002/rcm.419. **Accession Number: 19653201. HERO ID: 680123.**
336. Saillenfait, A.M., et al. (2013). Prenatal developmental toxicity studies on diundecyl and ditridecyl phthalates in Sprague-Dawley rats. *Reproductive Toxicology*, 37, 49-55. doi:10.1016/j.reprotox.2013.01.004. **Accession Number: WOS:000317254100007.**
337. Saillenfait, A.M. and A. Laudet-Hesbert. (2005). Phtalates. *Encyclopedie Medico-Chirurgicale. Toxicologie - Pathologie Professionnelle*, 2(1), 1-13. doi:10.1016/j.emctp.2004.10.003. **HERO ID: 675412.**
338. Saillenfait, A.M., et al. (2013). Adverse effects of diisooctyl phthalate on the male rat reproductive development following prenatal exposure. *Reprod Toxicol*, 42, 192-202. doi:10.1016/j.reprotox.2013.09.004. **Accession Number: 24055997.**
339. Sakhi, A.K., et al. (2014). Concentrations of phthalates and bisphenol A in Norwegian foods and beverages and estimated dietary exposure in adults. *Environment International*, 73, 259-269. doi:10.1016/j.envint.2014.08.005. **Accession Number: 25173060. HERO ID: 2501495.**
340. Salem, M.Z.M., et al. (2015). GC/MS Analysis of Oil Extractives from Wood and Bark of *Pinus sylvestris*, *Abies alba*, *Picea abies*, and *Larix decidua*. *Bioresources*, 10(4), 7725-7737. **Accession Number: WOS:000366990800112.**
341. Sannino, A. (2009). Survey of phthalate levels in Italian oily foods contained in glass jars with PVC gaskets. *Food Additives and Contaminants: Part B: Surveillance*, 2(2), 166-170. doi:10.1080/02652030903148330. **Accession Number: 24785180. HERO ID: 1312105.**
342. Sannino, A. (2010). Development of a gas chromatographic/mass spectrometric method for determination of phthalates in oily foods. *Journal of AOAC International*, 93(1), 315-322. **Accession Number: 20334193. HERO ID: 1325374.**
343. Santana-Mayor, A., et al. (2018). Reduced graphene oxide-coated magnetic-nanoparticles as sorbent for the determination of phthalates in environmental samples by micro-dispersive solid-phase extraction followed by ultra-high-performance liquid chromatography tandem mass spectrometry. *J Chromatogr A*, 1565, 36-47. doi:10.1016/j.chroma.2018.06.031. **Accession Number: 29935815.**
344. Sarath Josh, M.K., et al. (2016). Accessing the molecular interactions of phthalates and their primary metabolites with the human pregnane X receptor using in silico profiling. *Journal of Applied Toxicology*, 36(12), 1599-1604. doi:10.1002/jat.3321. **Accession Number: 27071811. HERO ID: 3230387.**
345. Saravanabhavan, G. and J. Murray. (2012). Human biological monitoring of diisononyl phthalate and diisodecyl phthalate: a review. *Journal of Environmental and Public Health*, 2012, 810501. doi:10.1155/2012/810501. **Accession Number: 22505951. HERO ID: 1325357.**
346. Sato, T. (1992). Extraction Behavior of Yttrium with Diisodecylphosphoric Acid from Nitric-Acid Solution. *Journal of Radioanalytical and Nuclear Chemistry-Articles*, 158(2), 391-399. doi:10.1007/Bf02047124. **Accession Number: WOS:A1992HW40800014.**

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

347. Scavarda, M., H. Seok, and S.Y. Nof. (2017). The constrained-collaboration algorithm for intelligent resource distribution in supply networks. *Computers & Industrial Engineering*, 113, 803-818. doi:10.1016/j.cie.2017.05.015. **Accession Number: WOS:000418207900062.**
348. Scavarda, M., et al. (2015). Adaptive direct/indirect delivery decision protocol by collaborative negotiation among manufacturers, distributors, and retailers. *International Journal of Production Economics*, 167, 232-245. doi:10.1016/j.ijpe.2015.05.006. **Accession Number: WOS:000358810700021.**
349. Schatze, A., et al. (2015). Bis-(2-propylheptyl)phthalate (DPHP) metabolites emerging in 24h urine samples from the German Environmental Specimen Bank (1999-2012). *International Journal of Hygiene and Environmental Health*, 218(6), 559-563. doi:10.1016/j.ijheh.2015.05.007. **Accession Number: 26077891. HERO ID: 3045522.**
350. Schierow, L.J.o. and M.M. Lee, *Safety and Risk in Society. PHTHALATES IN PLASTICS AND POSSIBLE HUMAN HEALTH EFFECTS*. 2009. 231-250. **HERO ID: 2216328.**
351. Schmiedberg, S.K., et al. (1994). Isolation and characterization of metallic wear debris from a dynamic intervertebral disc prosthesis. *J Biomed Mater Res*, 28(11), 1277-88. doi:10.1002/jbm.820281105. **Accession Number: 7829557.**
352. Schnoder, L., et al. (2016). Deficiency of Neuronal p38alpha MAPK Attenuates Amyloid Pathology in Alzheimer Disease Mouse and Cell Models through Facilitating Lysosomal Degradation of BACE1. *J Biol Chem*, 291(5), 2067-79. doi:10.1074/jbc.M115.695916. **Accession Number: 26663083.**
353. Schulz, S., et al. (2015). DESI MS based screening method for phthalates in consumer goods. *The Analyst*, 140(10), 3484-3491. doi:10.1039/c5an00338e. **Accession Number: 25827613. HERO ID: 2914652.**
354. Schutze, A., et al. (2015). Bis-(2-propylheptyl)phthalate (DPHP) metabolites emerging in 24h urine samples from the German Environmental Specimen Bank (1999-2012). *Int J Hyg Environ Health*, 218(6), 559-63. doi:10.1016/j.ijheh.2015.05.007. **Accession Number: 26077891.**
355. Seed, J.L. (1982). Mutagenic activity of phthalate esters in bacterial liquid suspension assays. *Environmental Health Perspectives*, 45, 111-114. doi:10.2307/3429392. **Accession Number: 6754360. HERO ID: 667298.**
356. Self, R.L. and W.H. Wu. (2012). Rapid qualitative analysis of phthalates added to food and nutraceutical products by direct analysis in real time/orbitrap mass spectrometry. *Food Control*, 25(1), 13-16. doi:10.1016/j.foodcont.2011.10.013. **HERO ID: 1312054.**
357. Shang, J., et al. (2019). Recovery From a Myocardial Infarction Is Impaired in Male C57bl/6 N Mice Acutely Exposed to the Bisphenols and Phthalates That Escape From Medical Devices Used in Cardiac Surgery. *Toxicol Sci*, 168(1), 78-94. doi:10.1093/toxsci/kfy276. **Accession Number: 30398665.**
358. Sheikh, I.A. and M.A. Beg. (2017). Endocrine disruption: In silico interactions between phthalate plasticizers and corticosteroid binding globulin. *Journal of Applied Toxicology*, 37(12), 1471-1480. doi:10.1002/jat.3497. **Accession Number: 28677244. HERO ID: 3859059.**
359. Sheikh, I.A., et al. (2016). Endocrine Disruption: Computational Perspectives on Human Sex Hormone-Binding Globulin and Phthalate Plasticizers. *PLoS ONE*, 11(3), e0151444. doi:10.1371/journal.pone.0151444. **Accession Number: 26963243. HERO ID: 3229678.**
360. Shen, S., et al. (2017). Oral exposure to diisodecyl phthalate aggravates allergic dermatitis by oxidative stress and enhancement of thymic stromal lymphopoietin. *Food Chem Toxicol*, 99, 60-69. doi:10.1016/j.fct.2016.11.016. **Accession Number: 27871981.**
361. Shi, Z.Q., Z.J. Guo, and H.G. Zheng. (2014). Syntheses, crystal structures, and optical properties of five metal complexes constructed from a V-shaped thiophene-containing ligand and different dicarboxylate ligands. *Dalton Trans*, 43(35), 13250-8. doi:10.1039/c4dt01400f. **Accession Number: 25050987.**
362. Shieh, Y.T., et al. (2003). Supercritical CO<sub>2</sub> extraction of phthalate plasticizers from PVC. *Journal of Applied Polymer Science*, 90(14), 4032-4037. doi:10.1002/app.13183. **Accession Number: WOS:000186374700036.**
363. Shu, H., et al. (2018). Temporal trends of phthalate exposures during 2007-2010 in Swedish pregnant women. *Journal of Exposure Science and Environmental Epidemiology*, 28(5), 437-447. doi:10.1038/s41370-018-0020-6. **Accession Number: 29472621. HERO ID: 4728930.**
364. Silva, M.J., et al. (2006). Urinary biomarkers of di-isononyl phthalate in rats. *Toxicology*, 223(1-2), 101-112. doi:10.1016/j.tox.2006.03.005. **Accession Number: 16697098. HERO ID: 111415.**
365. Silva, M.J., et al. (2007). Assessment of human exposure to di-isodecyl phthalate using oxidative metabolites as biomarker. *Biomarkers*, 12(2), 133-144. doi:10.1080/13547500601066915. **Accession Number: 17536764. HERO ID: 685637.**
366. Silva, M.J., et al. (2007). Quantification of 22 phthalate metabolites in human urine. *Journal of*

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

- Chromatography B*, 860(1), 106-112. doi:10.1016/j.jchromb.2007.10.023. **Accession Number: 17997365. HERO ID: 807138.**
367. Siongco, K.R., R.B. Leron, and M.H. Li. (2013). Densities, refractive indices, and viscosities of N,N-diethylethanol ammonium chloride-glycerol or -ethylene glycol deep eutectic solvents and their aqueous solutions. *Journal of Chemical Thermodynamics*, 65, 65-72. doi:10.1016/j.jct.2013.05.041. **Accession Number: WOS:000323600300009.**
368. Smith, J.H., et al. (2000). Comparative in vivo hepatic effects of Di-isononyl phthalate (DINP) and related C7-C11 dialkyl phthalates on gap junctional intercellular communication (GJIC), peroxisomal beta-oxidation (PBOX), and DNA synthesis in rat and mouse liver. *Toxicological Sciences*, 54(2), 312-321. doi:10.1093/toxsci/54.2.312. **Accession Number: 10774813. HERO ID: 667301.**
369. Socas-Rodriguez, B., et al. (2018). Determination of phthalic acid esters in different baby food samples by gas chromatography tandem mass spectrometry. *Anal Bioanal Chem*, 410(22), 5617-5628. doi:10.1007/s00216-018-0977-y. **Accession Number: 29523939.**
370. Soininen, H., et al. (2017). 24-month intervention with a specific multinutrient in people with prodromal Alzheimer's disease (LipiDiDiet): a randomised, double-blind, controlled trial. *Lancet Neurol*, 16(12), 965-975. doi:10.1016/S1474-4422(17)30332-0. **Accession Number: 29097166.**
371. Solbakken, J.E., A.H. Knap, and P.L. Orr. (1985). Uptake and elimination of lindane and a phthalate ester in tropical corals and mussels. *Marine Environmental Research*, 16(2), 103-114. **HERO ID: 680146.**
372. Sorensen, L.K. (2006). Determination of phthalates in milk and milk products by liquid chromatography/tandem mass spectrometry. *Rapid Communications in Mass Spectrometry*, 20(7), 1135-1143. doi:10.1002/rcm.242. **Accession Number: 16521163. HERO ID: 675433.**
373. Springborn, B. (2000). Center For The Evaluation Of Risks To Human Reproduction: NTP-CERHR Expert Panel Report on Di-Isodecyl Phthalate. (NTIS/02570192)Report. **HERO ID: 1325500.**
374. Src. (1982). Information profiles on potential occupational hazards: Phthalates. (SRCTR82520)Report. **HERO ID: 1316110.**
375. Staples, C.A., et al. (1997). Aquatic toxicity of eighteen phthalate esters. *Environmental Toxicology and Chemistry*, 16(5), 875-891. **HERO ID: 680148.**
376. Staples, C.A., et al. (2011). Assessing the Chronic Aquatic Toxicity of Phthalate Ester Plasticizers. *Human and Ecological Risk Assessment*, 17(5), 1057-1076. doi:10.1080/10807039.2011.605668. **Accession Number: WOS:000298959800004.**
377. Staples, C.A., et al. (1997). The environmental fate of phthalate esters: A literature review. *Chemosphere*, 35(4), 667-749. **HERO ID: 675437.**
378. Stossel, T.P. (1986). Oil-droplet method for measuring phagocytosis. *Methods Enzymol*, 132, 192-8. **Accession Number: 3547019.**
379. Stringer, R., et al. (2000). Concentrations of phthalate esters and identification of other additives in PVC children's toys. *Environmental Science and Pollution Research*, 7(1), 27-36. doi:10.1065/espr199910.00. **Accession Number: 19153836. HERO ID: 680150.**
380. Thomas, J.A. (1999). Reproductive and developmental effects of phthalates. *International Journal of Toxicology*, 18(6), 449. **HERO ID: 675451.**
381. Tian, F., et al. (2012). Study on the Formula of the Environmental Friendly high temperature type PVC Sheathing Compound. *Advanced Materials and Processes li, Pts 1-3*, 557-559, 1602-+. doi:10.4028/www.scientific.net/AMR.557-559.1602. **Accession Number: WOS:000319300000332.**
382. Tian, F., et al. (2012). Study on the Formula of the Environmental Friendly 90 degrees C PVC Sheathing Compound. *Advances in Environmental Science and Engineering, Pts 1-6*, 518-523, 828-+. doi:10.4028/www.scientific.net/AMR.518-523.828. **Accession Number: WOS:000313845900162.**
383. Tienpont, B., et al. (2005). Pitfalls and solutions for the trace determination of phthalates in water samples. *Chromatographia*, 61(7-8), 365-370. doi:10.1365/s10337-005-0516-9. **HERO ID: 1312190.**
384. Tran, B.C., et al. (2015). Fate of phthalates and BPA in agricultural and non-agricultural soils of the Paris area (France). *Environmental Science and Pollution Research*, 22(14), 11118-11126. doi:10.1007/s11356-015-4178-3. **Accession Number: 25794574. HERO ID: 2914670.**
385. Trasande, L. and T.M. Attina. (2015). Association of exposure to di-2-ethylhexylphthalate replacements with increased blood pressure in children and adolescents. *Hypertension*, 66(2), 301-308. doi:10.1161/HYPERTENSIONAHA.115.05603. **Accession Number: 26156503. HERO ID: 3045515.**
386. Tsuchimoto, D., et al. (2010). A comprehensive screening system for damaged nucleotide-binding proteins.

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

- Mutat Res*, 703(1), 37-42. doi:10.1016/j.mrgentox.2010.06.005. **Accession Number: 20542141.**
387. Tsumura, Y., et al. (2002). [Contents of plasticizers in cap-sealing for bottled food and their migration into food]. *Shokohin Eiseigaku Zasshi / Journal of the Food Hygienic Society of Japan*, 43(6), 377-384. **Accession Number: 12635342. HERO ID: 680171.**
388. Turan, N., R.H. Waring, and D.B. Ramsden. (2005). The effect of plasticisers on "sulphate supply" enzymes. *Molecular and Cellular Endocrinology*, 244(1-2), 15-19. doi:10.1016/j.mce.2005.01.016. **Accession Number: 16223563. HERO ID: 789327.**
389. Vandermarken, T., et al. (2016). Characterisation and implementation of the ERE-CALUX bioassay on indoor dust samples of kindergartens to assess estrogenic potencies. *Journal of Steroid Biochemistry and Molecular Biology*, 155(Pt B), 182-189. doi:10.1016/j.jsbmb.2015.01.005. **Accession Number: 25595043. HERO ID: 2807610.**
390. Vavrous, A., et al. (2016). Solution for blank and matrix difficulties encountered during phthalate analysis of edible oils by high performance liquid chromatography coupled with tandem mass spectrometry. *J Chromatogr A*, 1456, 196-204. doi:10.1016/j.chroma.2016.06.014. **Accession Number: 27318508.**
391. Vernet, C., et al. (2017). In Utero Exposure to Select Phenols and Phthalates and Respiratory Health in Five-Year-Old Boys: A Prospective Study. *Environmental Health Perspectives*, 125(9), 097006. doi:10.1289/EHP1015. **Accession Number: 28934727. HERO ID: 4728609.**
392. Vinay, K. and S.S. Maitra. (2016). EFFICIENT DEGRADATION OF DIBUTYL PHTHALATE AND UTILIZATION OF PHTHALIC ACID ESTERS (PAES) BY ACINETOBACTER SPECIES ISOLATED FROM MSW (MUNICIPAL SOLID WASTE) LEACHATE. *Global NEST Journal*, 18(4), 817-830. **HERO ID: 3520024.**
393. Wang, H., et al. (2015). [Determination of 23 phthalate esters in scallion and other vegetables by solid-phase extraction coupled with gas chromatography-tandem mass spectrometry]. *Se Pu*, 33(5), 545-50. **Accession Number: 26387215.**
394. Wang, S.F., et al. (2013). GC-MS Assisted with Chemometric Methods Applied for Investigation of Migration Behavior of Phthalate Plasticizers in Fatty Foods Simulant. *Chromatographia*, 76(9-10), 529-534. doi:10.1007/s10337-013-2410-1. **Accession Number: WOS:000318168100012.**
395. Wang, Z.Y., W. Yu, and C.X. Zhou. (2015). Preparation of polyethylene microporous membranes with high water permeability from thermally induced multiple phase transitions. *Polymer*, 56, 535-544. doi:10.1016/j.polymer.2014.11.032. **Accession Number: WOS:000348555500063.**
396. Waterman, S.J., et al. (1999). Developmental toxicity of di-isodecyl and di-isononyl phthalates in rats. *Reproductive Toxicology*, 13(2), 131-136. doi:10.1016/S0890-6238(99)00002-7. **Accession Number: 10213520. HERO ID: 680201.**
397. Wenzel, A., et al. (2005). Modulation of iodide uptake by dialkyl phthalate plasticisers in FRTL-5 rat thyroid follicular cells. *Molecular and Cellular Endocrinology*, 244(1-2), 63-71. doi:10.1016/j.mce.2005.02.008. **Accession Number: 16289305. HERO ID: 675510.**
398. Williams, M.D., W.J. Adams, and T.F. Parkerton. (1995). Sediment Sorption Coefficient Measurements for 4 Phthalate-Esters - Experimental Results and Model-Theory. *Environmental Toxicology and Chemistry*, 14(9), 1477-1486. doi:10.1897/1552-8618(1995)14[1477:Sscmf]2.0.Co;2. **Accession Number: WOS:A1995RP44800006.**
399. Wormuth, M., et al. (2006). What are the sources of exposure to eight frequently used phthalic acid esters in Europeans? *Risk Anal*, 26(3), 803-24. doi:10.1111/j.1539-6924.2006.00770.x. **Accession Number: 16834635.**
400. Wu, C.F., et al. (2014). Findings of 2731 suspected phthalate-tainted foodstuffs during the 2011 phthalates incident in Taiwan. *Journal of the Formosan Medical Association*, 113(9), 600-605. doi:10.1016/j.jfma.2014.02.010. **Accession Number: 24709295. HERO ID: 2347105.**
401. Xiong, Z.H. and J. Zhang. (2005). Neural network model-based on-line re-optimisation control of fed-batch processes using a modified iterative dynamic programming algorithm. *Chemical Engineering and Processing-Process Intensification*, 44(4), 477-484. doi:10.1016/j.cep.2004.07.001. **Accession Number: WOS:000225182000008.**
402. Xu, D., et al. (2014). Determination of 23 phthalic acid esters in food by liquid chromatography tandem mass spectrometry. *Journal of Chromatography A*, 1324, 49-56. doi:10.1016/j.chroma.2013.11.017. **Accession Number: 24326131. HERO ID: 2215660.**
403. Yang, J., et al. (2015). [Determination of phthalic acid esters plasticizer in food simulants by gas chromatography-mass spectrometry isotope dilution method]. *Weisheng Yanjiu / Journal of Hygiene Research*, 44(1), 99-105. **Accession Number: 25958647. HERO ID: 2919073.**

## APPENDIX C – DIISODECYL PHTHALATE (DIDP) REFERENCE LIST

404. Yurdakok Dikmen, B., et al. (2015). In vitro effects of phthalate mixtures on colorectal adenocarcinoma cell lines. *Journal of Environmental Pathology, Toxicology and Oncology*, 34(2), 115-123. doi:10.1615/JEnvironPatholToxicolOncol.2015013256. **Accession Number: 26081030. HERO ID: 2919071.**
405. Yurdakok-Dikmen, B., et al. (2018). Unio sp. primary cell culture potential in ecotoxicology research. *Toxin Reviews*, 37(1), 75-81. doi:10.1080/15569543.2017.1331360. **Accession Number: WOS:000433552400012.**
406. Zeng, H.H., B.H. Wang, and K. Wang. (2001). Thermodynamic studies on the effects of cisplatin or its analog complexes on actin polymerization. *Thermochimica Acta*, 373(1), 1-5. doi:Doi 10.1016/S0040-6031(00)00774-7. **Accession Number: WOS:000169241200001.**
407. Zheng, X., et al. (2012). [Determination of 23 phthalate esters in food by solid-phase extraction coupled with gas chromatography-mass spectrometry]. *Sepu / Chinese Journal of Chromatography*, 30(1), 27-32. **Accession Number: 22667087. HERO ID: 1325353.**
408. Zoller, A. and A. Marcilla. (2012). Soft PVC foams: Study of the gelation, fusion and foaming processes. III. Mixed phthalate ester plasticizers. *Journal of Applied Polymer Science*, 124(4), 2691-2701. doi:10.1002/app.34898. **Accession Number: WOS:000299947100006.**