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February 13, 2019

Regulatory Information Regarding Products Manufactured or Supplied by Zeon Chemicals L.P. (ZCLP)

Contact Information:

Product Stewardship or Regulatory Information: productstewardship@zeonchemicals.com

Safety Data Sheet (SDS) requests: sds@zeonchemicals.com

CONEG and EU Directive 94/62/EC

Regarding CONEG and EU Directive 94/62/EC, we are pleased to inform you that cadmium, lead, mercury and hexavalent chromium are not intentionally added to any product or manufacturing process and are not expected to be present. However, be advised that Zeon Chemicals L.P. does not analyze our products for these substances. In addition please note that the European Directive 94/62/EEC and the U.S. CONEG legislation apply to the finished article. Therefore, it is the responsibility of the manufacturer of the finished article to verify and comply with the requirements set forth in the above regulations.

EU Directive 2000/53/EC

The European Parliament and Council Directive 2000/53/EC on end-of-life vehicles was adopted September 18, 2000. Article 4 (Prevention) of this Directive deals with the limitation of hazardous substances in vehicles, dismantling, reuse, recovery, and integration of recycled materials in vehicles. Regarding EU Directive 2000/53/EC, we are pleased to inform you that cadmium, lead, mercury and hexavalent chromium are not intentionally added to any product or manufacturing process and are not expected to be present. However, be advised that Zeon Chemicals L.P. does not analyze our products for these substances.

Restricted and Banned Flame Retardants

Regarding brominated flame retardants including but not limited to polybrominated diphenyl ethers (PBDEs) (pentaDBE, octaDBE, decaDBE, and pentaDBE alternatives), tetrabromobisphenol A (TBBPA), and hexabromocyclododecane (HBCD), we are pleased to inform you that brominated flame retardants are not intentionally added to any product or manufacturing process and are not expected to be present. However, be advised that Zeon Chemicals L.P. does not analyze our products for these substances.

This information relates only to the product and/or material specifically designated herein, and does not apply when such product and/or material is used in combination with any other product and/or material or in any process. This information does not modify, amend, enlarge or create any specification or warranty, and **ANY AND ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY EXCLUDED.** By receipt and use of the product and/or material, recipient expressly acknowledges and agrees that recipient is responsible for determining and ensuring that all conditions, specifications, and legal and regulatory requirements are met and that all products or components fabricated from this product and/or material are acceptable for use in the intended application.



GMOs – Genetically Modified Organisms

Regarding Directive 2001/18/EC and Regulations 1829/2003 and 1830/2003 (Genetically Modified Organisms), as amended, we are pleased to inform you that based on our knowledge of the raw material used or based on supplier information, this product is considered not genetically modified or not derived from a genetically modified organism as defined in these regulations.

Dimethylfumarate (DMF)

Regarding dimethylfumarate (DMF), we are pleased to inform you that products manufactured or supplied by Zeon Chemicals L.P. are not manufactured with and do not intentionally contain dimethylfumarate. Furthermore, anti-mold / moisture bags are not contained in our packaging materials and dimethylfumarate is not used or contained in any packaging material supplied by Zeon Chemicals L.P.

Transmissible Spongiform Encephalopathy (TSE) and Bovine Spongiform Encephalopathy (BSE)

Regarding BSE/TSE certification, some products manufactured or supplied by Zeon Chemicals L.P. are manufactured using a fatty acid soap which may be tallow-derived. Our supplier(s) have advised us that the tallow-derived material contained in this fatty acid soap has been produced under manufacturing conditions complying with or exceeding those set forth by the 22th Commission Directive 98/16/EC of March 198(Official J. of the EC No. L77, p44-46, 14 March, 1998). For a copy of the supplier(s) certificate of suitability (COS), please contact productstewardship@zeonchemicals.com

REGULATION (EC) No 850/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 29 April 2004 on persistent organic pollutants (Stockholm Convention, “the POPs Regulation”)

Products manufactured or supplied by Zeon Chemicals L.P. are fully compliant with the requirements of European Regulation (EC) 850/2004 above and amendments to date. At no stage during the manufacturing process are any of the substances listed in Annex I of European Regulation (EC) 850/2004, or substances known to contain them, intentionally added to the product formulation. Please be advised, however, that ZCLP does not test for these substances.

European Chemical Legislation REACH (Registration, Evaluation and Authorization of Chemicals), Regulation (EC) No 1907/2006.

Zeon Chemicals L.P. supports the goal of REACH which is to protect human health and the environment by ensuring safe handling of chemicals throughout their lifecycle. To this end, we

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hereby certify that products imported by Zeon Europe GmbH fully comply with the related requirements of the European Union regulation (EC) 1907/2006 concerning Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

Where allowed by the regulation and with consideration to the supply-chain, we may offer coverage to downstream users for substances registered by Zeon Europe GmbH. For more information, please contact: productstewardship@zeonchemicals.com.

EU Directive 2015/863/EU Restriction on Hazardous Substances (RoHS 3)

According to our suppliers and to the best of our knowledge, the raw materials and manufacturing processes used in the product listed above do not possess levels of hazardous substances referenced in the table below beyond allowable limits as identified in the RoHS Regulation, Directive EU-2015/863. Please be advised, however, that we do not test for these substances.

RoHS Substances	Allowable Limits
Butyl benzyl phthalate (BBP CAS# 85-68-7)	0.1%
Dibutyl phthalate (DBP CAS# 84-74-2)	0.1%
Di(2-Ethylhexyl)phthalate (DEHP), CAS# 117-81-7)	0.1%
Diisobutyl phthalate (DIBP CAS# 84-69-5)	0.1%
Lead	0.1%
Cadmium	0.01%
Mercury	0.1%
Hexavalent Chromium	0.1%
Polybrominated Biphenyls (PBB)	0.1%
Polybrominated Diphenyl Ethers (PDBE)	0.1%

California Office of Environmental Health Hazard Assessment (OEHHA) Proposition 65

Regarding California Proposition 65, formerly known as the Safe Drinking Water and Toxic Enforcement Act of 1986, please be advised that all synthetic polymers may contain trace quantities of residual monomers. Some monomers are listed by the State of California as known to cause cancer or reproductive harm. Zeon Chemicals L.P. has not performed risk assessments to determine if levels in finished parts require Prop 65 warnings. Therefore, we inform customers of the presence of Prop 65 listed chemicals so that they may make their own risk assessments after compounding, processing and curing as this may change Proposition 65 compliance obligations. For specific information regarding Prop 65 substances contained in products manufactured or supplied by Zeon Chemicals L.P., please refer to Section 15 of our

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Safety Data Sheets (SDS) which can be downloaded from our website at www.zeonchemicals.com or by contacting sds@zeonchemicals.com

Volatile Organic Compounds (VOCs)

Regarding solvents and **volatile organic compounds (VOCs)**, please be advised that all synthetic polymers may contain trace quantities of residual monomers or trace organic solvents from the manufacturing process. Some monomers and residual solvents are defined as "Volatile Organic Compounds" or VOCs. In every case, residual monomers or residual solvents are present at only trace quantities (at the ppm level). For specific information regarding VOCs contained in products manufactured or supplied by Zeon Chemicals L.P. please contact productstewardship@zeonchemicals.com

U.S. Food and Drug and Cosmetic Act (FDA)

We are pleased to inform you that Zeon Chemicals L.P. offers a variety of products which meet the ingredient requirement of 21 CFR for food contact materials. For specific information regarding ZCLP products which may be used in food contact applications, please make an inquiry to productstewardship@zeonchemicals.com

Toxic Substance Control Act (TSCA) Inventory and other Global Chemical Inventories

For information related to compliance with TSCA and global equivalents, please refer to Section 15 of our Safety Data Sheets (SDS), which can be downloaded from our website at www.zeonchemicals.com or by contacting sds@zeonchemicals.com

PFOS/PFOA (perfluorooctane sulfonic acid-perfluorooctanoic acid)

Regarding PFOS/PFOA contained in products manufactured or supplied by Zeon Chemicals, L.P., we are pleased to inform you that our products are not manufactured with and do not intentionally contain PFOS/PFOA (perfluorooctane sulfonic acid-perfluorooctanoic acid). However, be advised that Zeon Chemicals L.P. does not perform analysis on products for these substances.

PFAS (perfluoroalkyls and polyfluoroalkyls substances) and PFC (perfluoro chemicals)

Regarding PFAS and PFC contained in products manufactured or supplied by Zeon Chemicals, L.P., we are pleased to inform you that our products are not manufactured with and do not intentionally contain PFAS or PFC (perfluoroalkyl and polyfluoroalkyl substances and perfluoro chemicals). However, be advised that Zeon Chemicals L.P. does not perform analysis on products to test for these substances.

Bisphenol A (BPA)

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Regarding bisphenol A (BPA), we are pleased to inform you that products manufactured or supplied by Zeon Chemicals L.P. are not manufactured with and do not intentionally contain Bisphenol A. However, be advised that Zeon Chemicals L.P. does not test products for this substance.

Phthalates

Products manufactured or supplied by Zeon Chemicals L.P. do not contain restricted substances mentioned in the table below as intentionally added components or as expected process impurities. Please be advised, however, that ZCLP manufactures or supplies Nipol[®] 1082V and some Sivic[®] grades which contain Di-isononyl phthalate (DINP, CAS# 28553-12-0). For more information regarding DINP contained in Zeon products, please make an inquiry to productstewardship@zeonchemicals.com

Reference Detail	Material/Substance	Value
Phthalates	Butyl benzyl phthalate (BBP CAS# 85-68-7)	none
	Di-n-butyl phthalate (DBP, CAS# 84-74-2)	
	Dimethyl phthalate (DMP CAS# 131-11-3)	
	Diethyl phthalate (DEP CAS# 84-66-2)	
	Dibutyl phthalate (DBP CAS# 84-74-2)	
	Di(2-Ethylhexyl)phthalate (DEHP), CAS# 117-81-7)	
	Di-isodecyl phthalate (DIDP, CAS# 26761-40-0)	
	Di-n-octyl phthalate (DNOP, CAS# 117-84-0)	
	Diisobutyl phthalate (DIBP CAS# 84-69-5)	
	Di-n-pentyl phthalate (DNPP, CAS# 131-18-0)	

Chloro-fluoro-carbons (CFC) and Other Ozone Depleting Substances

Regarding ozone depleting substances, we are pleased to inform you that products manufactured or supplied by Zeon Chemicals L.P. do not contain ozone depleting substances.

Conflict Minerals: Section 1502 Dodd-Frank Wall Street Reform and Consumer Protection Act (Wall Street Reform Act).

We are pleased to inform you that none of the products manufactured or supplied by Zeon Chemicals L.P. are manufactured with nor intentionally contain conflict minerals (tantalite (coltan), cassiterite (tin), tungsten, or gold) sourced from the Democratic Republic of the Congo (DRC) or adjoining countries pursuant to the Section 1502 Dodd-Frank Wall Street Reform and Consumer Protection Act (Wall Street Reform Act).

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Epoxy Derivatives – BADGE (2,2-bis(4-hydroxyphenyl)propane bis(2,3-epoxypropyl) ether), BFDGE (bis(hydroxyphenyl)methane bis(2,3-epoxypropyl) ethers). And NOGE (Novolac glycidyl ethers)

Regarding Directive 2005/1895/EC (Epoxy Derivatives), as amended, we are pleased to inform you that products manufactured or supplied by Zeon Chemicals L.P. do not contain and are not manufactured with the epoxy derivatives mentioned above. These substances are not used as raw materials, nor are they added to the manufacturing process. Please be advised, however, that ZCLP does not analyze for these substances.

Natural Rubber and Natural Rubber Latex

We are pleased to inform you that none of the products manufactured or supplied by Zeon Chemicals L.P. are manufactured with nor intentionally contain natural rubber, natural rubber latex or derivatives thereof.

Polycyclic Aromatic Hydrocarbons (PAH)

Regarding Polycyclic Aromatic Hydrocarbons (PAH), products manufactured or supplied by Zeon Chemicals L.P. containing carbon black may contain up to 15 ppm PAH. This information is based on data provided by our supplier(s) of carbon black. Please be advised that ZCLP does not test for PAH.

Thank you for your interest in Zeon Chemicals' products.

NOTE: Due to the ever-changing regulatory environment, the information contained herein expires one year past the issue date. Please feel free to contact me for an updated declaration.

Sincerely,

Michelle Baker, MPH, CHMM, CDGP, SDSRP
Product Stewardship Manager
Zeon Chemicals L.P.
P.O. Box 34320
Louisville, KY 40232-4320

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