

REACH, REACH CoRAP, and Substances of Very High Concern (SVHC)

The information contained herein applies only to INEOS O&P USA's Polyethylene and Polypropylene product offerings on its Product List at <http://www.ineos.com/businesses/ineos-olefins-polymers-usa/products/>. It is not valid for any other product.

January 2017

INEOS Olefins & Polymers USA completed the applicable REACH registration of monomers, ethylene and propylene, in 2008 under the Reference Nos. 05-2115782132-51-0000 and 05-2115782306-42-0000 respectively. We have appointed INEOS O&P Europe as our Only Representative (OR). Please contact Product Stewardship if you need further information.

INEOS Olefins & Polymers USA does not intentionally add any of the substances on either the REACH Community Rolling Action Plan (CoRAP) (current and draft) list of Substances or the Substances of Very High Concern (SVHC) list, as defined in Article 57 of Regulation (EC) No 1907/2006 ("the REACH Regulation"), to our products at a level > 0.1%. We base this statement on information provided by our raw material suppliers regarding the presence of these substances in products supplied to us. However, as with all polypropylene grades, including grades from other producers, our polypropylene resins may contain trace levels of diisobutyl phthalate (DIBP) or di-nbutyl phthalate (DNBP), typically less than 600 ppb or 0.00006%, arising from catalyst residues. Our polyethylene is made with catalyst that is free of phthalates.

CoRAP lists substances proposed by EU Member States for risk evaluation over a three year period. Inclusion of a substance in the CoRAP does not automatically mean that the substance poses a risk to human health or the environment, but rather that there is a concern that it may pose a risk, which needs to be clarified (confirmed or dismissed). The first CoRAP listing was proposed in 2012 for the 2012-2014 period.

The SVHC list includes **173 substances** which are:

- Carcinogenic, Mutagenic or toxic to Reproduction (CMR), meeting the criteria for classification in category 1 or 2 in accordance with Directive 67/548/EEC. This directive was recently replaced by the new EU regulation (EC) No 1272/2008 on classification, labelling and packaging of chemical substances and mixtures, the so-called CLP Regulation. According to the new CLP Regulation these substances shall be classified as 1a or 1b.
- Persistent, Bioaccumulative and Toxic (PBT) or very Persistent and very Bioaccumulative (vPvB) according to the criteria in Annex XIII of the REACH Regulation,
- Identified, on a case-by-case basis, from scientific evidence as causing probable serious effects to human health or the environment of an equivalent level of concern as those above (e.g. endocrine disrupters)

The authentic complete listing of the Candidate List of Substances of Very High Concern for Authorisation can be found at <http://echa.europa.eu/candidate-list-table>.

As Agent for INEOS Olefins & Polymers USA,



Julie T. Wilcox, Product Stewardship

The information contained herein relates only to the specific product and/or material designated and may not be valid for such product and/or material used in combination with any other product and/or material or in any process, unless otherwise specified. This information in no way modifies, amends, enlarges, or creates any specification or warranty, and ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY EXCLUDED. The representations herein expressed are neither intended nor shall be construed as a definitive or comprehensive statement of all constituents sought. INEOS Olefins & Polymers USA shall not be responsible for any damage or injury resulting from abnormal use, from any failure to follow appropriate practices, or from hazards inherent in the nature of the product and/or material, nor for toxicological effects or Industrial Hygiene associated with particular use of any product described herein.

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INEOS
Olefins & Polymers USA



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Recipient hereby acknowledges and accepts its responsibility to determine and ensure all conditions, specifications, and regulatory requirements are met and the products fabricated from the specific product and/or material designated are acceptable for use in the intended application.

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