



March 23, 2015

Dear Customer,

**Nanophase Technologies Corporation: REACH Position Statement**

REACH is a new European Community Regulation on chemicals and their safe use (EC 1907/2006). It was effective on June 1, 2007 and deals with the Registration, Evaluation, Authorization and Restriction of Chemical substances.

Nanophase Technology Corporation is committed to meeting the requirements set forth in the REACH (Registration Evaluation and Authorization of Chemicals) regulations and is committed to working with our suppliers and customers to ensure continued supply of our products. We do not anticipate any disruptions of products to our customers.

The registration path will carry out as follows;

- Nanophase has pre-register its metal oxides and vital formulation components of interest through the period of June 01-Nov 30th, 2008, through our appointed Only Representative (OR), see Appendix A for the registration status of Nanophase metal oxide substances. Subsequently, all pre-registered chemicals will be registered according to the timeline established under REACH.

**Annex A: List of substances covered by Nanophase OR (CEHTRALTS<sup>1</sup>)**

#	Substance Name (Trade, IUPAC or other)	EC Name	Tonnage band	CAS #	EC #	Registration Deadline	Registration Number	Registration Date
1	Aluminum Oxide	Aluminium oxide	100-1000	1344-28-1	215-691-6	June 2013	01-2119529248-35-0178	3/4/2013
2	Antimony Oxide	Diantimony pentoxide	10-100	1314-60-9	215-237-7	June 2018		
3	Bismuth Oxide	Dibismuth trioxide	10-100	1304-76-3	215-134-7	June 2018		
4	Cerium Oxide	Cerium dioxide	10-100	1306-38-3	215-150-4	June 2018		
5	Iron Oxide	Diiron trioxide	10-100	1309-37-1	215-168-2	June 2018		
6	Indium Oxide	Diindium trioxide	10-100	1312-43-2	215-193-9	June 2018		
7	Tin Oxide	Tin dioxide	10-100	18282-10-5	242-159-0	June 2018		
8	Titanium Dioxide	Titanium dioxide	10-100	13463-67-7	236-675-5	June 2018		
9	Zinc Oxide	Zinc oxide	100-1000	1314-13-2	215-222-5	Dec 2010	01-2119463881-32-0038	11/12/2010

<sup>1</sup> [Link to Letter of appointment NANOPHASE-LTS \(2014\)](#)

- We are working with downstream suppliers to assure their chemicals also are pre-registered. As a result, the monomers, solvents and chemical aids the products utilize are sourced from suppliers who have committed to support these raw materials through the REACH process. In cases where a downstream supplier is unable to support a substance under REACH requirement, we have pre-registered that substance.



- European demand calculations are based on growth projections derived from historical trends. If your company has future demand for Nanophase products that are greater than historical consumption, it is important to contact your Nanophase representative to insure that the additional consumption are accounted for in the registration process.

As an ongoing practice, we are always in a process of confirming our downstream manufactures' intentions regarding the registration of substances that are used in Nanophase key formulations.

Our REACH activities with these suppliers will continue up to the point of registration and until registration has been completed.

Exceptions will be identified on an individual basis, and we will of course notify you should the REACH requirements cause us to decide not to register or seek authorization of substances that are part of any product that we sell to you. In such cases, Nanophase will endeavor to provide you as much notice as possible prior to the relevant

If you require any further clarification please do not hesitate to contact us.

Yours sincerely,

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