

#19



COMPLETE

Collector: Nano Consult - Industry (Web Link)
Started:
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IP Address:

PAGE 2: Section I - Identification

Q1: Please provide the following details (*compulsory):

Organisation*:	Orion Engineered Carbons GmbH
Town/City:	Frankfurt
Country*:	Germany
Contact name:	Hahnstr. 49
E-mail address:	

Q2: Received contributions may be published on the Commission's website, with the identity of the contributor. Please state your preference with regard to the publication of your contribution:	My contribution may be published under the name indicated
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Q3: We might need to contact you to clarify some of your answers. Please state your preference below:	I am available to be contacted
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Q4: Did your organisation participate in the online survey (undertaken by RPA/BiPRO for the European Commission in early 2014) on the administrative burden of the notification schemes?	No
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PAGE 3: Section II - Organisation Information

Q5: Please indicate which of the following applies to you or your members (tick all that apply):	a) has to notify to the French Notification System , c) is a manufacturer of nanomaterials, d) is an importer of nanomaterials, e) is a formulator of mixtures containing nanomaterials
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Q6: Please indicate the four-digit NACE code of your primary and secondary business sector (if applicable). If you require information regarding NACE codes, please visit the European Commission Competition webpage at http://ec.europa.eu/competition/mergers/cases/index/nace_all.html

Primary business sector (NACE 4 digit code):	C20 - Manufacture of chemicals and chemical products
Secondary business sector (NACE 4 digit code):	C20.1.2, C20.1.3

Q7: Please indicate the number of employees.	50-249 employees
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Q8: Please indicate the approximate annual turnover of your organisation and the annual turnover which relates to nano-related products (where these include nanomaterials as well as mixtures and articles containing nanomaterials).

Annual turnover \geq €50m

Nano-related annual turnover \geq €50m

Q9: Please indicate the number of nano-related products (where these include nanomaterials as well as mixtures and articles containing nanomaterials) that you place on the national market.

Nanomaterials less than 6

Mixtures less than 6

Q10: Please indicate the number of nano-related products (where these include nanomaterials as well as mixtures and articles containing nanomaterials) that you place on the EU market.

Nanomaterials less than 6

Mixtures less than 6

Q11: Please indicate the number of nano-related products (where these include nanomaterials as well as mixtures and articles containing nanomaterials) that you place on the global market.

Nanomaterials less than 6

Mixtures less than 6

Q12: Please indicate the number of customers and, if applicable, number of suppliers for all your nano-related products combined (where these include nanomaterials as well as mixtures and articles containing nanomaterials).

Number of customers more than 100

Number of suppliers more than 100

Q13: Please rate the importance of the following objectives on a scale between 1 (not important at all) and 5 (very important).

- | | |
|--|---|
| a) Provide decision makers, regulatory authorities and professional users with information that allows for an appropriate response to health or environmental risks of nanomaterials | 5 |
| b) Provide consumers with relevant information on products containing nanomaterials on the market | 3 |
| c) Maintain competitiveness and innovation of businesses bringing nanomaterials or products containing nanomaterials to the market (including SMEs) | 5 |
| d) Ensure consumer trust in products containing nanomaterials | 5 |
| e) Ensure the availability of relevant information on the presence of nanomaterials or products containing nanomaterials on the market | 4 |
| f) Ensure the proportionality of the information requirements and the associated costs and administrative burden. | 5 |
| g) Protect confidential business information | 5 |

Please provide additional comments

As with non-nanomaterials, focus should be on the potential hazard that may arise from use of nanomaterial in products. Generally, we note that careful consideration should be given to "relevant" information. Information on the presence of a nanomaterial in a product without knowledge of the specific impact of the present material is of little value to Product safety. "Nanomaterial" is not a hazard class that needs special attention. to b) Previous experience shows that the share nano-containing products meant for consumers and to which consumers will have direct contact to nanomaterial is rather low compared to the overall amount of products containing nanomaterial. So the information of nanomaterial being contained is not "relevant" in every case. to e) Relevant information for the supply chain is first of all the information whether a product is safe and how it can be handled safely. Only due to specific regulatory requirements for nanomaterials in different sectors (cosmetics, biocides) and regions (France) has the information "nano" or not "nano" become sectorally or regionally relevant.

Q14: To what degree (from 1 - not at all to 5 - fully) does the current legislative framework (including the REACH and CLP Regulations and product-specific legislation) and the currently available databases (including the JRC web platform, see http://ihcp.jrc.ec.europa.eu/our_databases/web-platform-on-nanomaterials) meet the following objectives?

- | | |
|--|---|
| a) Provide decision makers, regulatory authorities and professional users with information that allows for an appropriate response to health or environmental risks of nanomaterials | 5 |
| b) Provide consumers with relevant information on products containing nanomaterials on the market | 4 |
| c) Maintain competitiveness and innovation of businesses bringing nanomaterials or products containing nanomaterials to the market (including SMEs) | 3 |
| d) Ensure consumer trust in products containing nanomaterials | 3 |
| e) Ensure the availability of relevant information on the presence of nanomaterials or products containing nanomaterials on the market | 3 |
| f) Ensure the proportionality of the information requirements and the associated costs and administrative burden. | 2 |
| g) Protect confidential business information | 2 |

Please provide additional comments

to c) and d): Different definitions for nanomaterials, diverging implementations in nanoprodut registers and a lack of suitable and commonly available measuring methods provoke intricacies when dealing with nanomaterials. This hampers the competitiveness and innovation especially for SMEs and detracts consumer trust. Furthermore the whole discussion about nanomaterials is rather based on assumptions than on facts. to g): Industry and authorities seem to have different perceptions on "confidential information", a lot of information published on ECHA-webpage are pretty useful to non-european companies.

Q15: To what extent do you agree with the following statements from 1 (strongly disagree) to 5 (strongly agree):

- a) The current level of available information on the presence of nanomaterials and products containing nanomaterials on the market is insufficient for an adequate response to health and environmental risks 1
- b) The current level of available information on the presence of nanomaterials and products containing nanomaterials on the market is insufficient for informed consumer choice 1
- c) The current level of available information on the presence of nanomaterials and products containing nanomaterials on the market is detrimental to consumer trust 2
- d) The available information on the presence of nanomaterials and products containing nanomaterials on the market is presented in an incoherent or ineffective way 3
- e) The establishment of national registries and notification schemes causes market fragmentation and hampers trade within the internal market 5

Please provide additional comments

to c) The accentuation of nanomaterials compared to other substances in different sectors evokes the consumer's fear of potential hazards and thus is detrimental to consumers trust. The current level of information is adequate in our view. to d) Manifold definitions in different registers do not lead to a coherent and effective way as the comparability between these registers is hampered. On the other hand other established regulations (REACH) provide the information sufficiently. Nevertheless for consumer communication inventories are not the right tools. Good examples for consumer communication are the "Verbraucherportal" of the State Government of Baden-Württemberg <http://www.nanoportal-bw.de/pb/,Lde/55726.html> or the portal of the German Government www.nanopartikel.info. to e) Previous experience with the French Register shows that there is a high burden (efford and cost) especially for SMEs. The establishment of national registers hampers the European market, particularly with regard to our industry (pigments and fillers). (JRC, Considerations on information needs for nanomaterials in consumer products: "National regulations of traceability measures may lead to different information requirements and could create cross-border trade barriers by influencing free market interplay at various levels (manufacturers, distributors/importers and downstream users) between the EU Member States.")

Q16: With regard to health and environmental hazards and risks of specific nanomaterials/types of nanomaterials, please tick the relevant boxes:

I am aware of health and/or environmental hazards of specific nanomaterials/types of nanomaterials

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I am not aware of any classified nanomaterials,

I am aware of DNELs/PNECs/OELs set for specific nanomaterials/types of nanomaterials

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I am aware of significant exposure of workers/users/consumers to specific nanomaterials/types of nanomaterials

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Please explain your responses (if any, please report the nanomaterials, the health and/or environmental hazards, any relevant classification, any DNELs/PNECs/OELs, any exposure and in which condition):

Nanomaterials are no more hazardous than other chemicals. (SCENIHR, Risk Assessment of Products of Nanotechnologies (2009): "The hypothesis that smaller means more reactive and thus more toxic cannot be substantiated by the published data. In this respect nanomaterials are similar to normal substances in that some may be toxic and some may not."). We are aware of consumer exposure (e.g. cosmetics); however in these cases the products are already subject to an official risk assessment and authorization by SCCS. We are also well aware of the exposure of workers, thus worker safety protection measurements and exposure limit values are well established and complied with in our industry.

Q17: With regard to the past and current use of nanomaterials (tick the relevant box):

I am not aware of any health and/or environmental incidents which have occurred

Q18: The establishment of an EU nanomaterial registry (tick the relevant box):

Would not significantly contribute to reducing the health and/or environmental risks related to the use of nanomaterials

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If appropriate, please explain further:
This will only lead to overburden industry without having the added value of adding to reduce risks associated with the use of nanomaterials. The existing regulations (REACH etc.) are sufficient/suitable for identifying and controlling risks.

Q19: In case information on the presence of nanomaterials in your products were made available, what impact do you think this would have on your clients? (Please tick all that would apply)

b) They would try to avoid those products,

Please explain:

We already have the market reacting to the nano debates. Discussions with different industry sectors (e.g. food, cosmetic, automotive supplier and automotive industry) have indicated that a lot of industries at the end of the supply chain are request for nano-free products. The objective of these requests is to "phase out" nanomaterials because of the additional associative efforts and costs for these companies or the additional labelling requirements. These industrial sectors are concerned that consumer reaction will be to avoid nano-labelled products

Q20: Do you believe that the public availability of information on the presence of nanomaterials in products would be likely to...(choose one of the following answers)

c) generate insecurity or stigmatise such products, and thus have a negative effect on the market for the concerned products

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Comments: See Section V Q1.

PAGE 7: Section VI - Innovation and competitiveness

Q21: With regard to innovation, do you believe that information on nanomaterials and products containing nanomaterials that could be gathered in a nanomaterial registry would...(choose one of the following answers)

c) hamper innovation in the EU (e.g. through concerns about confidential business information or through additional costs related to providing information)

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Comments:

See section III Q2, increased efforts and cost, administrative burden

Q22: With regard to competitiveness of EU companies manufacturing nanomaterials or products containing nanomaterials, do you believe that information on nanomaterials and products containing nanomaterials that could be gathered in a nanomaterial registry would...(tick all that apply)

e) hamper intra-EU competitiveness,

f) hamper the competitiveness of European companies against extra-EU companies

,

Please explain

Nanomaterials are no more or less dangerous than other chemicals; so there is no reason for establishing a specific register only for nanomaterial. A register for nanomaterials will represent only an extra burden for the industry segments affected. Therefore it is an disadvantage for producers and users of nanomaterials compared to producers and users of other chemicals and a disadvantage for European industry compared to non-European competitors.

PAGE 8: Section VII – Possible impact of a registry on your company/members of your association

Q23: Overall, how would a possible obligation to notify nanomaterials at the EU level affect your company/the members of your association, assuming that no exemptions were to be made from 1 (no impact) to 5 (significant impact):

- a) with respect to nanomaterials on their own 5
- b) with respect to nanomaterials in mixtures 5
- c) with respect to articles with intended release of the nanomaterials 5
- d) with respect to articles containing nanomaterials in general (i.e. in case also articles without an intended release of nanomaterials were to be covered) 5

Please explain:

Pigments and fillers, considered as nanomaterials according to the current EU-definition, are present in nearly every product and article of our daily life. Therefore nearly every product/article has to be registered if there were no exemptions. Investigations performed on endproducts like coatings and plastics containing pigments and fillers have shown that there is no release of nanomaterials if they are bound in a matrix. (see D. Göhler, A. Nogowski, P. Fiala, M. Stintz, J. Phys.: Conf. Ser. 2013, 429, 012045.). So there is no scientific justification for a registration of articles as mentioned under d).

Q24: Would disclosure of the notified information conflict with the confidentiality of business information?

Yes, there would be a conflict with business information confidentiality

If yes, please elaborate; you may differentiate according to the different information that may be required in a notification scheme (e.g.: if a notification is only per substance and general use, or if the exact use needs to be disclosed): Information on e.g. distribution, quantities of substances used in different sectors, formulation and name of customers as required by the French nanoregistry is in high conflict with the confidentiality of business. (see also Section III Q2.)

Q25: Do you experience or expect any significant barriers for your company/members of your association from diverging registration obligations in the schemes in France/Belgium/Denmark?

Yes, we foresee significant barriers,

If yes, please describe these barriers? The differences in notification schemes and the definition of nanomaterials mean a lot of extra workload for affected and also not affected companies; keeping it up to date every year means an unnecessary but considerable burden especially for SMEs.

Q26: Is the market for your nanomaterials/products containing nanomaterials significantly different from Member State to Member State?

No, there is not any significant difference in the national markets for our products

Q27: In case the European Commission were to recommend a best practice model for national notification schemes based on the experiences in France, Belgium and Denmark, which elements of these systems can be considered as “best practice”?

We do not advocate implementing an EU Nanoregistry. That said, an alternative implementation for notification schemes might be the Norwegian approach, which is an additional tool to the existing chemical legislation. The Danish product register concerns only consumer products, which is in our view the best of the mentioned registers regarding the information for consumers. REACH is in a way an already established register for chemical substances which also already covers nanomaterial.

PAGE 9: Section VIII – Possible options and exemptions

Q28: What would be the added value of a notification per use (i.e. for each mixture/article) compared to a notification per substance? – Please consider the usefulness of the information for public authorities, downstream user companies, workers and consumers.

We see no added value of notification per use. A notification per use would bring no extra benefit in comparison to already existing regulations, as the information for downstream user companies and workers are already covered by the safety data sheets, which are also common for non-hazardous substances. Regarding consumer products sufficient regulation is already established (cosmetic regulation, food information/regulation, biozides).

Q29: Which actors along the supply chain should be subject to notification requirements? (tick all that apply):

Please explain:
No separate nanomaterial registry is required as sufficient regulation/notification systems already exist (see Section VIII Q1.)

Q30: The following should be subject to notification requirements (tick all that apply):

Please explain:
Sufficient regulation/notification systems already exist (see Section VIII Q1.)

Q31: Is there a need to exempt certain types of nanomaterials?

If yes, which types should be exempted and why? (in terms of specific properties, available knowledge, absence of hazards, etc.)
Sufficient regulation/notification systems already exist (see Section VIII Q1.)

Q32: Is there a need to exempt certain uses of nanomaterials?

If yes, which uses should be exempted and why? (in terms of specific exposure scenarios, available knowledge, absence of hazards, etc.)
see Section VIII, Q1.+2.

PAGE 10: Section IX – Nanomaterials Observatory

Q33: If a Nanomaterials Observatory is established instead of an EU-wide registry, what type of information should be collected? (please tick all that apply)

f) Other (please explain):
Sufficient information is provided by existing regulations

Q34: How should the information in a Nanomaterials Observatory be presented in order to reach the consumers, workers and authorities?

See Section IX Q.1

PAGE 11: Section X - Potential use and benefits of a nanomaterial registry

Q35: In what ways could the information on nanomaterials from registries be potentially useful (tick all that apply):

Respondent skipped this question

Q36: Please give a justification for your views (presented in the previous question) and describe which data would be necessary to allow the desired use (e.g. would information on substances alone be enough for informed consumer purchase decisions, or would this require information for each concerned product):

Sufficient information is provided by existing regulations.

Q37: What would be the added value of a European nanomaterial registry beyond the current framework of chemicals legislation, including REACH registration?

none, see Section VIII Q3.

Q38: Please provide any other comments that you would like to share regarding transparency measures for nanomaterials on the market.

Due to the very broad definition of nanomaterial applied, many materials are "nano". Hence many products will be labelled "nano". Thus the focus is lost and it cannot be differentiated in relevant, new or hazardous nanomaterial and material with small particles known and used for many decades.

The lack of suitable and commonly available measuring methods should be solved preliminary.