

Industry Consortium for the REACH Registration of Synthetic Zeolites

Introduction

The Regulation (EC) No 1907/2006 of the European Parliament and of the Council of December 18, 2006 (EU-REGULATION) on the Registration, Evaluation and Authorization of Chemicals (REACH) requires manufacturers and/or importers of chemicals and/or materials containing such chemicals to pre-register and register those at the European Chemicals Agency/Helsinki (ECHA) within the deadlines and according to a procedure prescribed in the EU-REGULATION.

Consortium Purpose

To comply with the Regulation it is required to submit to the European Chemicals Agency extensive technical dossiers about each substance. For almost 2 decades the Members of the OECD HPV Synthetic Zeolite Consortium have jointly worked to develop health & safety data and have participated in a number of international Safety Programmes, e.g. HPV/OECD and SIDS. Given this it was decided to form a consortium, outside of the EUZEPA sector group, with the purpose to register under REACH all materials covered by the association's work in the past. A membership in the consortium will not grant any rights to data nor information owned by EUZEPA, former ZEODET or former ZEAD neither any membership in EUZEPA itself.

Substances

This consortium for REACH registration covers exclusively the following substances:
Synthetic Zeolites, including and limited to:

mother submission:

group 1. Zeolite, cuboidal, crystalline, synthetic, non fibrous (EC 930.915.9)

related submissions:

- group 1.a. Zeolite, cuboidal, crystalline, synthetic, non fibrous, thermally produced (EC 931.125.7)
- group 2. Zeolite, silica rich, crystalline, synthetic, non fibrous (EC 930.985.0)
- group 2.a. Zeolite, silica rich, without aluminium, crystalline, synthetic, non fibrous (EC 930.986.6)
- group 3. Zeolite, phosphorous containing, crystalline, synthetic, non fibrous (EC 930.989.2)
- group 3.a. Zeolite, aluminium and iron and phosphor based, crystalline, synthetic, non fibrous (EC 930.990.8)
- group 4. zeolite, silica and titanium based, crystalline, synthetic, non fibrous (EC 930.991.3)
- group 4.b. Zeolite, synthetic, crystalline, non fibrous, silica and titanium based (EC 930.993.4)
- group 4.c. Zeolite, silica and sodium and titanium based, crystalline, synthetic, non fibrous (EC 947.741.4)
- group 7. zeolite, phosphorous and titanium containing, crystalline, synthetic, non fibrous (EC 943.514.9)

NB: Further to in-depth discussions with ECHA, CAS and EINECS numbers are not valid identifiers for Zeolites. The EINECS: 215-283-8 and CAS: 1318-02-1 are merely used for information as related numbers.

Identification of our synthetic Zeolites is solely made by production process and raw materials. Due to that fact the Synthetic Zeolites Consortium is strictly limiting its registration to the synthetic Zeolites listed above. They are to be registered in subgroups as listed above according to decision made by ECHA with possible read-across between these registrations.

*It is important to note that commercially produced **synthetic zeolites are not nanomaterials**. They do not fulfill the definition given in "Commission Recommendation 2011/696/EU". The zeolite crystals are larger than 100 nm. Using modified synthesis*

Synthetic Zeolites Consortium aisbl

info@zeolites.be - www.zeolites.be

Reg N°: BE0832.383.823

*procedures, it is possible to manufacture zeolite crystals smaller than 100 nm. These zeolite crystals are stable in diluted suspensions only. These zeolites are a niche product **and are not covered by the existing REACH registrations of the Synthetic Zeolite Consortium.***

Invitation

Interested companies are invited to contact the consortium to info@zeolites.be
After contacting the consortium, you have to decide on the following options to cooperate.

Options to cooperate

- Purchase a Letter of Access of the Full Dossier

The LoA prices for the registration dossier including Chemical Safety Report have been determined as follows (value in 2023):

Tonnage band	LoA price in €
> 1000 t/a	41.235,85-
100 – 1000 t/a	28.865,09-
10 – 100 t/a	16.494,34-
< 10 t/a	4.123,58-

It is important to note that additional costs might have also to be paid to owners of specific studies used for our dossier outside of our Consortium membership.

Also note that additional costs (specific extra studies) may have to be paid in relation to specific subgroups e.g. group 3 due to specific studies not covered by the main dossier.

If you are willing to follow this approach you will receive upon payment of the related invoice a Letter of Access for the registration dossier, the Chemical Safety Report, and other relevant pieces of information.

- Purchase Letter of Access (LoA) for individual studies

This can be useful if you are planning a read across to your substance from one of the substances covered by this Consortium. Under such circumstances it might be sufficient to purchase a Letter of Access for one or more individual studies owned by a member of this Consortium. In this case the costs for a LoA are calculated to 20% of the actual worth of the particular study.

The use of the dossier or LoA purchased as described above and all information therein contained is strictly confined to REACH registration purposes only of the described substances.

With kind regards,

Joël Wilmot
Secretary General
on behalf of the members of the Synthetic Zeolites Consortium