

1 July 2015

Background document for silicic acid, lead salt

Document developed in the context of ECHA's 6th recommendation for the inclusion of substances in Annex XIV

ECHA is required to regularly prioritise the substances from the Candidate List and to submit to the European Commission recommendations of substances that should be subject to authorisation. This document provides background information on the prioritisation of the substance, as well as on the determination of its draft entry in the Authorisation List (Annex XIV of the REACH Regulation). Information comprising confidential comments submitted during public consultation, or relating to content of Registration dossiers which is of such nature that it may potentially harm the commercial interest of companies if it was disclosed, is provided in a confidential annex to this document.

1. Identity of the substance

Chemical name: Silicic acid, lead salt
EC Number: 234-363-3
CAS Number: 11120-22-2
IUPAC Name: Lead(2+) silicate

2. Background information for prioritisation

Priority was assessed by using the General approach for prioritisation of SVHCs for inclusion in the list of substances subject to authorisation¹. Results of the prioritisation of all substances included in the Candidate List by June 2013 and not yet included or recommended in Annex XIV of the REACH Regulation is available at http://echa.europa.eu/documents/10162/13640/prioritisation_results_6th_rec_en.pdf.

The prioritisation results of the substances included in the draft 6th recommendation have been updated as necessary after the public consultation. The updated results are available at http://echa.europa.eu/documents/10162/13640/updated_prioritisation_results_6th_axiv_rec_en.pdf

2.1. Intrinsic properties

Silicic acid, lead salt was identified as a Substance of Very High Concern (SVHC) according to article 57 (c) as it is covered by Index number 082-001-00-6 in Regulation (EC) No 1272/2008 and classified in Annex VI, part 3, Table 3.1 (the list of harmonised classification and labelling of hazardous substances) as Toxic for Reproduction, Category 1A, H360D ("May damage the unborn child."), and was therefore included in the candidate list for authorisation on 19 December 2012, following ECHA's decision ED/169/2012.

¹ Document can be accessed at http://echa.europa.eu/documents/10162/13640/gen_approach_svhc_prior_in_recommendations_en.pdf

2.2. Volume used in the scope of authorisation

There are currently no active registrations for silicic acid, lead salt under Regulation (EC) No 1907/2006 (REACH)².

2.3. Wide-dispersiveness of uses

There are currently no active registrations for silicic acid, lead salt under Regulation (EC) No 1907/2006 (REACH)².

2.4. Further considerations for priority setting

In the priority setting for the draft 6th recommendation, silicic acid, lead salt was grouped with lead monoxide and orange lead as based on the registration information they can all be used in the production of glass. Based on further information on the use of these substances in glass provided in the public consultation (ComRef, 2015), it seems that the use may fulfil the intermediate definition under REACH and fall outside the scope of authorisation. Therefore, there may not be reason to group silicic acid, lead salt with lead monoxide and orange lead.

2.5. Conclusions and justification

Other Candidate List substances assessed in the sixth recommendation round receive higher priority than silicic acid, lead salt based on the Art. 58(3) prioritisation criteria (see link to the prioritisation results above). Furthermore, based on the information submitted in the public consultation, there does not appear to be a reason to group the substance with other higher priority substances. Consequently, silicic acid, lead salt is not included in ECHA's final 6th recommendation for inclusion of substances in Annex XIV. The substance will be reassessed for priority in future recommendation rounds.

3. Further information on uses

Based on earlier registration information (currently no active registrations²) and information from industry (ComRef, 2015), the substance can be used in the production of glass and special glass. However, based on the information submitted during the public consultation (ComRef, 2015), it seems that the use may fulfil the intermediate definition under Art. 3(15) of REACH, and therefore the use may fall outside the scope of authorisation. Furthermore, as there are currently no active registrations for the substance, there should be no manufacture/import of the substance for this use above 1 t/y per manufacturer/importer in the EU. There is no information available on other potential uses of the substance.

4. Background information for the proposed Annex XIV entry

Draft Annex XIV entries were determined on the basis of the General approach for preparation of draft Annex XIV entries for substances to be included in Annex XIV³. The draft Annex XIV entries for substances included in the 6th recommendation are available at

² As of 1 December 2014.

³ Document can be accessed at

http://echa.europa.eu/documents/10162/13640/draft_axiv_entries_gen_approach_6th_en.pdf

http://echa.europa.eu/documents/10162/13640/6th_axiv_recommendation_july2015_en.pdf.

[*This section is not relevant as the substance is not included in the final 6th recommendation.*]

5. References

ComRef (2015): "Comments and references to responses" document for silicic acid, lead salt. Document compiling comments and references to respective answers from commenting period 01/09/2014 –01/12/2014 on ECHA's 6th draft recommendation of priority substances for inclusion in the list of substances subject to authorisation (Annex XIV).
http://echa.europa.eu/documents/10162/13640/6th_axiv_rec_comref_silicic_acid_lead_salt_en.pdf