

CONSIDERATIONS OF ALTERNATIVE METHODS ON TESTING PROPOSALS IN YOUR REGISTRATION

Please complete this form and provide information for each of the points below.

If you have more than one testing proposal, please copy and paste the three bullet points within the same document and complete the details as appropriate for each testing proposal.

This document will be published on ECHA website along with the third party consultation on the testing proposal(s).

Public substance name: *1,2,4,5,7,8-Hexoxonane, 3,6,9-trimethyl-, 3,6,9-tris(Ethyl and Propyl) derivatives*

EC Number (omit if confidential): [REDACTED]

CAS Number (omit if confidential): [REDACTED]

Date of considerations: 8 June 2016

- **Hazard endpoint for which vertebrate testing was proposed:**

Sub-chronic toxicity (90-day): oral with the registered substance,
1,2,4,5,7,8-Hexoxonane, 3,6,9-trimethyl-, 3,6,9-tris(Ethyl and Propyl) derivatives

- **Considerations that the general adaptation possibilities of Annex XI of the REACH Regulation were not adequate to generate the necessary information** (instruction: please address all points below):

- available GLP studies: *No 90-day GLP study is available*
- available non-GLP studies: *No 90-day non-GLP study is available*
- historical human data: *Not available.*
- (Q)SAR: QSAR modeling are not suitable for this endpoint
- *in vitro* methods: *No in vitro test for this endpoint is available.*
- weight of evidence: *No relevant/strong data exist for this approach.*
- grouping and read-across: Due to certain microscopic toxicologically significant effects noted in the OECD 422 oral gavage study (equivalent to 28-day repeated dose) of CAS # [REDACTED], read across from the 90-day study of the only close analog, CAS# 24748-23-0, is not deemed feasible as the above noted effects may be due to the structural differences. Therefore, a 90-day study on CAS# [REDACTED] is proposed to explore this in more depth as it may potentially be the more toxic of the two substances in repeat dose studies.
- substance-tailored exposure driven testing [if applicable]: *Not applicable*
- [approaches in addition to above [if applicable]: *None*
- other reasons [if applicable]: *None*

- **Considerations that the specific adaptation possibilities of Annexes VI to X (and column 2 thereof) were not applicable** (instruction: free text): *Specific adaptations described in column 2 are not applicable.*