Data sets for IPC-1754 solution providers to report as Class E, Class E/F and/or Class E/G XML  
In Distribute and/or Request/Reply modes with or without optional Chemicals in Process

IPC-1754 solution providers can choose to provide XMLs which report the data sets in Distribute mode and/or Request/Reply mode. To pass the review, the XML must successfully include both AD-DSL and REACH data as defined below.

Mandatory response product identification information which must be reported in a Class E XML, Class E/F XML or Class E/G XML. If an element/attribute is optional yet included in the XML, a value is required. There should never be a required or optional field with a blank, "\", Null, etc. If an optional field will not have a value, it should not be included in the XML.*

* The EU General Data Protection Regulation (GDPR) does not permit an IT system to require information that identifies an individual, yet receivers must have some mechanism to follow-up. If an individual will not grant permission to share their information, use a functional area phone number or email address that is not linked to a specific person instead, e.g. ProductCompliance@abc.com, rather than a blank or no entry.

For this round, use the substance list ID from REACH as the query list ID, e.g. EUREACH-0119.

<table>
<thead>
<tr>
<th>ProductID itemNumber</th>
<th>Product information</th>
</tr>
</thead>
<tbody>
<tr>
<td>PWCNN0234</td>
<td></td>
</tr>
<tr>
<td>ProductID itemName</td>
<td>14AWG RND CBL POWER CONN</td>
</tr>
<tr>
<td>Response date</td>
<td>2-Nov-2018</td>
</tr>
<tr>
<td>amount</td>
<td>28.8 (g)</td>
</tr>
<tr>
<td>unitType</td>
<td>Each</td>
</tr>
</tbody>
</table>

Declaration statements to be reported in Class E XML

As a minimum, the Class E XML must include the following statements:

- Product Contains substance(s) on the AD-DSL = False.
- Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation = True
  - Reference the EU REACH Candidate list not older than the January 2019 version. A more recent version may be used if the solution provider prefers. IPC simplifies reporting to this list by providing the substances in Appendix D of IPC 1752A Amendment 3.
  - Note: The IPC-1754 standard requires a Class F or G declaration be included if the Class E declaration indicates declarable/prohibited substances in the reported product(s).

Declaration statements to be reported in Class E/F XML

As a minimum, the Class E XML must include the following statements:

- AD-DSL: Product Contains substance(s) on the AD-DSL = True
- EU REACH: Product does not contain EU REACH Candidate List substance above the thresholds specified in the REACH Regulation = FALSE
  - Reference the January 2019 EU REACH Candidate list (See Appendix D of IPC 1752A).
  - Solution providers can report against a later REACH Candidate List if they prefer.
As a minimum, the Class F XML must also include the following Substances in Product:
- Dipentyl phthalate (DPP) with Amount = 0.08064 g (REACH)
- Nickel oxide = 0.00012 g
- (Substance is declarable on AD-DSL, yet not for REACH)

If there are multiple DSLs in one declaration, and a reported substance appears on one DSL but not other(s), the declaration should be Class F. If a substance is reported that is not on any of the DSLs, the declaration should use Class G. In the sample datasets, Nickel Oxide is a use case of a declarable substance on one DSL (AD-DSL), but not the other (REACH).

Declaration statements to be reported in Class E/G XML

As a minimum, the Class E XML must include the following AD-DSL statements (see Appendix B of IPC 1752A with Amendments 1 and 2):
- AD-DSL: Product Contains substance(s) on the AD-DSL = True
  - Reference http://www.iaeg.com/chemicalrpt/addsl/ Publicly Released April 8, 2019
- EU REACH: Product does not contain EU REACH Candidate List substance above the thresholds specified in the REACH Regulation = FALSE
  - Reference the January 2019 EU REACH Candidate list or later (See Appendix D of IPC 1752A Am3) at https://ipc.kavi.com/higherlogic/ws/public/workgroup?wg_id=2-18B.
  - Solution providers can report against a later REACH Candidate List if they prefer.

As a minimum, the Class G XML must also include both of the following Substances in Product
- Dipentyl phthalate (DPP) with Amount = 0.08064 g (REACH)
- Nickel oxide = 0.00012 g. (Substance is declarable on AD-DSL, yet not for REACH)
- Tin with Amount = 0.0432 g (not on either list)

Datasets must provide CAS and/or EC numbers (at least one, if one exists) for every Substance.

Substance weight in grams (or milligrams/kilograms, etc.) is preferred when reporting finished “hard part” products. Percentages of product weight or parts per million (PPM) are valid, but are more suitable when reporting materials, liquids, powders, etc., and are not the preferred method for reporting the articles specified for reporting in the Review.

Optional Chemicals In Process Declaration Statement:

Solution providers have the option to show ability to support Substances in Process in addition to Substances in Product. For those intending to show ability to support Substances in Process, please use the following statements and minimum substances in Classes E/F and E/G. Although not required, solution providers who successfully pass the Substance in Process portion, will have that information indicated in the solution provider results table.
- Product Statement:
  Product process(es) requires the use of substance(s) on the AD-DSL = True.
  Substance contained in Process should include Chlorotrifluoroethylene - manufacturing

If you do not wish to provide Substances in Process, please use the following statement:
- Product Statement: Product process(es) requires the use of substance(s) on the AD-DSL = False