

ChemView Web Services URLs

There are two sections in ChemView. The first section has dropdowns for the user to select the chemicals, SNUR uses, uses, groups, categories, and endpoints. The second section enables the user to select different sources to get the chemical results. The default output format is JavaScript Object Notation (JSON). ChemView also provides the ability to download to Excel, XML, and PDF.

To build a search, create a URL with a specific set of parameters. This is done by creating a string using the following format: <http://java.epa.gov/chemview>, followed by the URL. The tables below list the URLs to obtain results. The tables also contain examples that demonstrate the structure of the string. The examples are not intended to return actual results.

- 1) Chemical information. Select from one of the dropdowns: chemicals, SNUR uses, uses, groups, categories, endpoints. The default output format is JSON; however, output options of xls, xml, or pdf can be requested in the URL with the mediaType parameter, as listed in the **Return value format** column.

URL	Return value format	Parameter/ Value	Description
/chemicals?mediaType=	Json, xls, pdf		Returns all chemicals
/chemicals/{ChemicalId}?mediaType= Example: http://java.epa.gov/chemview/chemicals/4514?mediaType=json	Json, pdf	Replace {chemicalId} with chemicalId obtained in previous search	Returns chemical details for chemicalId
chemicals/search?matchMode=<0 or 1 or 2>&name={name}&mediaType= Example: http://java.epa.gov/chemview/chemicals/search?matchMode=1&name=75-00-1&mediaType=json	Json	matchMode: 0 is "starts with"; 1 is "exact"; 2 is "contains". Replace {name} with alpha or numeric characters for name or CAS number (with dashes) or Accession number (without dashes).	Returns chemicals based on the match mode and name entry. Alpha characters will search synonyms. Numeric entry will search CAS and/or Accession numbers.
/snurUses	Json, xls		Returns all SNUR uses
/snurUses/{snurUseId} Example: http://java.epa.gov/chemview/snurUses/715	Json	Replace {snurUseId} with snurUseId obtained in previous search	Returns SNUR uses for the snurUseId
/uses?mediaType=	Json, xls	uses	Returns all uses

URL	Return value format	Parameter/ Value	Description
/uses/{useId}?mediaType= Example: http://java.epa.gov/chemview/uses/1345?mediaType=json	Json	Replace {useId} with useId obtained in previous search	Returns use details for the Use Id
/groups?mediaType=	Json	groups	Returns all chemical groups
/groups/{groupId}?mediaType= Example: http://java.epa.gov/chemview/groups/123?mediaType=json	Json	Replace {groupId} with groupId obtained in previous search	Returns the group details for a particular groupId
/groups/search?mediaType=json&name={name} Example: http://java.epa.gov/chemview/groups/search?mediaType=json&name=Work%20plan%20chemicals	Json, xls	Replace {name} with group name obtained in previous search	Returns the group details for the group name
/categories?mediaType=	Json, xls		Returns all categories
/categories/{categoryId}?mediaType= Example: http://java.epa.gov/chemview/categories/5422?mediaType=json	Json	Replace {categoryId} with categoryId obtained in previous search	Returns Category details for CategoryId
/endpoints?mediaType=	Json, xls		Returns all endpoints
/chemicalsCsvEmail?chemicalIds=<dash separated ids>&useIds=<ids>&groupIds=<ids>&categoryIds=<ids>&endpointKeys=<custom encoded string>&sourceIds=<ids>	Json	chemicalIds, useIds, groupIds, categoryIds, endpointKeys, sourceIds	Launches a batch and returns launch status
/dateLastUpdatedDate?mediaType=	Json		Returns the date that the data was last updated
/domainDocuments?mediaType=	Json, xml		Returns all the document details that are in the ChemView

2) Output source selection.

URL	Return value format	Parameter/ Value	Description
/sources	Json		Returns all the sources

URL	Return value format	Parameter/ Value	Description
/sources/<sourceId> Example: http://java.epa.gov/chemview/sources/223?mediaType=json	Json	Replace <sourceId> with sourceId obtained in previous search	Returns the source details for the sourceId
/sources?sourceType=<string>&mediaType=json Example: http://java.epa.gov/chemview/sources?sourceType=HC&mediaType=json	Json	Replace <string> with sourceType obtained in first search	Returns the source details for the sourceType

- 3) Chemical information and output source selection. Selecting from both the dropdown section and the output source section will return chemical data table results. Except for endpointKeys, the parameters accept dash-delimited entries; for example, groupIds=123-2-75 (this means filter for groups 123, 2, and 75).

URL	Return value format	Parameters	Description
/chemicals/datatable?isTemplateFilter=false&chemicalIds=<ids>&snurUseIds=<ids>&useIds=<ids>&groupIds=<ids>&categoryIds=<ids>&endpointKeys=<custom encoded String>&synonymIds=&sourceIds=<ids>&sEcho=4&iColumns=6&sColumns=&iDisplayStart=0&iDisplayLength=10&mDataProp_0=0&mDataProp_1=1&mDataProp_2=2&mDataProp_3=3&mDataProp_4=4&mDataProp_5=5&sSearch=&bRegex=false&sSearch_0=&bRegex_0=false&bSearchable_0=true&sSearch_1=&bRegex_1=false&bSearchable_1=true&sSearch_2=&bRegex_2=false&bSearchable_2=true&sSearch_3=&bRegex_3=false&bSearchable_3=true&sSearch_4=&bRegex_4=false&bSearchable_4=true&sSearch_5=&bRegex_5=false&bSearchable_5=true&iSortCol_0=0&sSortDir_0=asc&iSortingCols=1&bSortable_0=false&bSortable_1=true&bSortable_2=false&bSortable_3=false&bSortable_4=false&bSortable_5=false	Json, pdf, xls	chemicalId, snurUseId, useId, groupId, categoryId, endpointKeys, synonymId	
/chemicals/datatable/count?isTemplateFilter=false&chemicalIds=<ids>&snurUseIds=<ids>&useIds=<ids>&groupIds=<ids>&categoryIds=<ids>&endpointKeys=<custom encoded String>&synonymIds=&sourceIds=<ids>&sEcho=4&iColumns=6&sColumns=&iDisplayStart=0&iDisplayLength=10&mDataProp_0=0&mDataProp_1=1&mDataProp_2=2&mDataProp_3=3&mDataProp_4=4&mDataProp_5=5&sSearch=&bRegex=false&sSearch_0=&bRegex_0=false&bSearchable_0=true&sSearch_1=&bRegex_1=false&bSearchable_1=true&sSearch_2=&bRegex_2=false&bSearchable_2=true&sSearch_3=&bRegex_3=false&bSearchable_3=true&sSearch_4=&bRegex_4=false&bSearchable_4=true&sSearch_5=&bRegex_5=false&bSearchable_5=true&iSortCol_0=0&sSortDir_0=asc&	Json	chemicalId, snurUseId, useId, groupId, categoryId, endpointKeys, synonymId	Returns the chemicals count for the search criteria

URL	Return value format	Parameters	Description
iSortingCols=1&bSortable_0=false&bSortable_1=true&bSortable_2=false&bSortable_3=false&bSortable_4=false&bSortable_5=false			
/endpointNames/filter?isTemplateFilter=false&chemicalIds=<ids>&snurUselds=<ids>&uselds=<ids>&groupIds=<ids>&categoryIds=<ids>&endpointKeys=<custom encoded String>&synonymIds=&sourceIds=<ids>&sEcho=4&iColumns=6&sColumns=&iDisplayStart=0&iDisplayLength=10&mDataProp_0=0&mDataProp_1=1&mDataProp_2=2&mDataProp_3=3&mDataProp_4=4&mDataProp_5=5&sSearch=&bRegex=false&sSearch_0=&bRegex_0=false&bSearchable_0=true&sSearch_1=&bRegex_1=false&bSearchable_1=true&sSearch_2=&bRegex_2=false&bSearchable_2=true&sSearch_3=&bRegex_3=false&bSearchable_3=true&sSearch_4=&bRegex_4=false&bSearchable_4=true&sSearch_5=&bRegex_5=false&bSearchable_5=true&iSortCol_0=0&sSortDir_0=asc&iSortingCols=1&bSortable_0=false&bSortable_1=true&bSortable_2=false&bSortable_3=false&bSortable_4=false&bSortable_5=false	xls	chemicalId, snurUseld, useld, groupId, categoryId, endpointKeys, synonymId	Exports all the endpoint names to an Excel sheet