

INSTRUCTIONS FOR TABLE 6.1

CANCER TOXICITY DATA - ORAL/DERMAL

<p>PURPOSE OF THE TABLE:</p> <ul style="list-style-type: none"> To provide the oral and dermal cancer toxicity information (values and sources of information) for chemicals of potential concern To provide the methodology and adjustment factors used to convert oral cancer toxicity values to dermal toxicity values To provide weight of evidence/cancer guideline descriptions for each chemical of potential concern. 	
<p>INFORMATION DOCUMENTED:</p> <ul style="list-style-type: none"> Oral and dermal toxicity values for chemicals of potential concern Weight of evidence/cancer guidelines descriptions for chemicals of potential concern The source/reference for each toxicity value. 	
<p>GENERAL NOTES/INSTRUCTIONS FOR THIS TABLE:</p> <ul style="list-style-type: none"> Table 6.1 does not replace toxicological profiles for the individual chemicals that will be presented in the risk assessment. 	<p><i>It may be necessary to refer to RAGS, the risk assessment technical approach, and EPA Regional guidance to complete the table.</i></p>
<p>HOW TO COMPLETE/INTERPRET THE TABLE</p>	
<p>Column 1 - Chemical of Potential Concern</p>	
<p>Definition:</p> <ul style="list-style-type: none"> Chemicals that are potentially site-related, with data of sufficient quality, that have been retained for quantitative analysis as a result of the screening documented in Table 2. 	
<p>Instructions:</p> <ul style="list-style-type: none"> Enter the names of the chemicals that were selected as COPCs from Table 2. 	<p><i>Chemicals may be grouped in the order that the risk assessor chooses.</i></p>

INSTRUCTIONS FOR TABLE 6.1

CANCER TOXICITY DATA - ORAL/DERMAL (continued)

Column 2 - Oral Cancer Slope Factor	
<p>Definition:</p> <ul style="list-style-type: none"> Cancer slope factor for ingestion. 	
<p>Instructions:</p> <ul style="list-style-type: none"> Enter the oral cancer slope factor. 	<i>Refer to IRIS and HEAST. If toxicity information is not available, contact EPA's National Center for Environmental Assessment (NCEA) office.</i>
Column 3 - Oral to Dermal Adjustment Factor	
<p>Definition:</p> <ul style="list-style-type: none"> The adjustment factor used to convert the oral RfD values to dermal RfD values. 	
<p>Instructions:</p> <ul style="list-style-type: none"> Enter the oral to dermal adjustment factor. 	<i>Refer to RAGS and Regional guidance.</i>
Column 4 - Adjusted Dermal Cancer Slope Factor	
<p>Definition:</p> <ul style="list-style-type: none"> The adjusted dermal cancer slope factor for each chemical of potential concern which typically is derived from the oral cancer slope factor. 	<i>Derivation of the dermal cancer slope factor should be performed in accordance with Regional guidance.</i>
<p>Instructions:</p> <ul style="list-style-type: none"> Enter the derived dermal cancer slope factor. 	<i>Provide the equation/adjustment used for derivation.</i>
Column 5 - Units	
<p>Definition:</p> <ul style="list-style-type: none"> The concentration units for each chemical detected. 	
<p>Instructions:</p> <ul style="list-style-type: none"> Enter the units for the cancer slope factors. 	<i>Typically (mg/kg-day)⁻¹ Refer to Regional guidance to determine if there is a preference regarding the units to be used.</i>

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CANCER TOXICITY DATA - ORAL/DERMAL (continued)

Column 6 - Weight of Evidence/Cancer Guideline Description	
<p>Definition:</p> <ul style="list-style-type: none"> An EPA classification system for characterizing the extent to which the available data indicate that an agent is a human carcinogen. 	
<p>Instructions:</p> <ul style="list-style-type: none"> Provide the weight of evidence/cancer guideline description. Choose from the categories to the right. 	<p><i>EPA Group:</i> <i>A - Human carcinogen</i> <i>B1 - Probable human carcinogen - indicates that limited human data are available.</i> <i>B2 - Probable human carcinogen - indicates sufficient evidence in animals and inadequate or no evidence in humans.</i> <i>C - Possible human carcinogen</i> <i>D - Not classifiable as a human carcinogen</i> <i>E - Evidence of noncarcinogenicity</i> <i>Weight of Evidence:</i> <i>Known/Likely</i> <i>Cannot be Determined</i> <i>Not Likely</i></p>
Column 7 - Source	
<p>Definition:</p> <ul style="list-style-type: none"> A reference for the weight of evidence/cancer guideline description entry. 	
<p>Instructions:</p> <ul style="list-style-type: none"> Enter the reference for toxicity information. 	<p><i>For example:</i> <i>IRIS</i> <i>HEAST</i> <i>NCEA</i></p>
Column 8 - Date (MM/DD/YY)	
<p>Definition:</p> <ul style="list-style-type: none"> The date of the document that was consulted for the cancer toxicity data in MM/DD/YY format. 	<p><i>The MM/DD/YY format refers to month/day/year.</i></p>
<p>Instructions:</p> <ul style="list-style-type: none"> Enter the date in MM/DD/YY format. Use a comma to delineate between multiple dates, if multiple sources of data were used. <ul style="list-style-type: none"> <i>For IRIS references, provide the date IRIS was selected.</i> <i>For HEAST references, provide the date of the HEAST reference.</i> <i>For NCEA references, provide the date of the article provided by NCEA.</i> 	<p><i>For example, the MM/DD/YY version of the date March 30, 1995 is 03/30/95.</i></p>

