

## Guide for Enhanced Clarity in Safer Choice Documents, Standard, and Safer Chemical Criteria

### Use of the Word "Screen": Clarification of Meaning

Document	Instances	Use of word	Page number	Sentence	Replace "Screen" with:
EPA's Safer Choice Program Master Criteria for Safer Ingredients	5	screen	13	<i>Chemicals that are considered neurotoxicants under GHS [31] (see GHS guidance values in Table 4) do not pass the <b>screen</b>.</i>	... criteria.
		to screen, screen	21	<i>Choice criteria use these data <b>to screen</b> chemicals that may be toxic to aquatic life. Where measured chronic toxicity data is available, it will be assessed with other data and applied in the <b>screen</b> based on the relationship between acute and chronic aquatic toxicity.</i>	1. Safer Choices uses these data to evaluate... 2. ... in the assessment
		to screen	24	<i>Developmental neurotoxicity study [66] can be used <b>to screen</b> chemicals for neurotoxicity.</i>	...to assess ...
		screening	26	<i>For the purposes of <b>screening</b> safer chemicals in Table 12, rows 1-3, ready biodegradation tests are preferred.</i>	... evaluating...
EPA's Safer Choice Standard	10	screens	vii	<i>Safer Choice's functional class approach <b>screens for</b> safer ingredients.</i>	... makes it possible to compare similar chemicals and identify ...
		screened	viii	<i>When you see the Safer Choice label on a product it means that the Safer Choice scientific review team has <b>screened</b> each ingredient for potential human health and environmental effects...</i>	... evaluated ...
		screens, screening	ix	<i>Safer Choice <b>screens</b> all ingredients for chemicals that may present serious health or environmental effects. This <b>screening</b> includes ingredients used in small percentages, like fragrances and dyes.</i>	1. ... evaluates all ingredients to identify chemicals that... 2. ... evaluation ...

		screening	16	<i>Chemicals that are candidates for endocrine <b>screening</b> will be part of the review.</i>	... evaluation ...
		to screen, screened	18	<i>-Established lists from authoritative bodies, such as the IARC and NTP carcinogen lists, may be used <b>to screen</b> ingredients, where available and as noted in the criteria below. -If a component appears on one of the following lists of chemicals of potential concern, it will be <b>screened</b> as described in Section 5.2...</i>	1. ... to identify ineligible ingredients ... 2. ... evaluated ...
		screen	20	<i>Data requirements [for carcinogenicity]: <b>Screen</b> specified R-Phrases and Authoritative Lists.</i>	... Identify ...
		screen	21	<i>Data requirements [for environmental toxicity and fate]: <b>Screen</b> Authoritative Lists.</i>	... Identify ...
		screened	B4	<i>...fragrances that have been <b>screened</b> for potential hazardous and persistent ingredients; and other components with a more positive environmental profile than in conventional products.</i>	... evaluated to identify potential ...
Functional Class Criteria	Chelating and Sequestering agents (3)	to screen, screen, screening	2	<i>-Since acute aquatic toxicity data are more readily available, the Safer Choice criteria use these data <b>to screen</b> chemicals that may be toxic to aquatic life -Where measured chronic toxicity data is available, it will be assessed with other data and applied in the <b>screen</b> based on the relationship between acute and chronic aquatic toxicity. -For the purposes of <b>screening</b> safer chemicals in Table 9, rows 1-3, ready biodegradation tests are preferred.</i>	1. ... to identify and disqualify chemicals ... 2. ... evaluation ... 3. ... identifying ...
	Oxidants and Oxidant Stabilizers (1)	to screen	1	<i>Established lists from authoritative bodies, such as the IARC and NTP carcinogen lists, may be used <b>to screen</b> ingredients, where available and as noted in the criteria below.</i>	... to identify ineligible ingredients ...

	Solvents (many)	screen	1	<i>In applying the <b>screen</b>, Safer Choice will seek data on all Attributes of Concern; data on any single attribute that does not meet the Safer Choice threshold for a safer solvent will cause the solvent to fail the <b>screen</b>. For a solvent to pass the <b>screen</b>, all available data must satisfy these thresholds and, very importantly, there must be data on all distinguishing attributes—either on the chemical itself or a close analog—indicating that the solvent meets safety thresholds.</i>	1. In conducting its evaluation, ... 2. ... evaluation ... 3. ... evaluation ...
		screen	2	<i>The condensation product of an alcohol with a carboxylic acid. Cyclic esters (lactones) are not included in this definition and should not be reviewed using this <b>screen</b> because they are generally unsuitable for use as solvents.</i>	... using these criteria ...
		screen	3	<i>-Every solvent must be <b>screened</b> individually. It is not expected that all solvents from these four classes will pass the <b>screen</b>. -Data for all available routes of exposure will be evaluated. Failure to pass an endpoint by any route of exposure results in failure to pass the <b>screen</b>.</i>	1. ... evaluated ... 2. ... evaluation ... 3. ... evaluation ...
		screened	4	<i>Phase I Solvents will be <b>screened</b> for carcinogenicity based upon established lists and GHS criteria (see Table 2).</i>	... assessed ...
		screen	5	<i>-No solvents that are classifiable as neurotoxicants according to GHS [4] (see guidance values in Table 3) will pass the <b>screen</b> for this endpoint. -Four other similar uses “failure to pass the screen” etc.</i>	... evaluation ...

		to screen, screen	11 (table footnote)	<p><i>Since acute aquatic toxicity data are more readily available, the Safer Choice Criteria use these data <b>to screen</b> chemicals that may be toxic to aquatic life. Where measured chronic toxicity data is available, it will be assessed with other data and applied in the <b>screen</b> based on the relationship between acute and chronic aquatic toxicity.</i></p>	<ol style="list-style-type: none"> <li>1. ... to identify and disqualify chemicals ...</li> <li>2. ... evaluation ...</li> </ol>
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