§ 156.62 Toxicity Category.

This section establishes four Toxicity Categories for acute hazards of pesticide products, Category I being the highest toxicity category. Most human hazard, precautionary statements, and human personal protective equipment statements are based upon the Toxicity Category of the pesticide product as sold or distributed. In addition, toxicity categories may be used for regulatory purposes other than labeling, such as classification for restricted use and requirements for child-resistant packaging. In certain cases, statements based upon the Toxicity Category of the product as diluted for use are also permitted. A Toxicity Category is assigned for each of five types of acute exposure, as specified in the table in this paragraph.

ACUTE TOXICITY CATEGORIES FOR PESTICIDE PRODUCTS

<table>
<thead>
<tr>
<th>Hazard Indicators</th>
<th>I</th>
<th>II</th>
<th>III</th>
<th>IV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral LD₅₀</td>
<td>Up to and including 50 mg/kg</td>
<td>&gt;50 thru 500 mg/kg</td>
<td>&gt;500 thru 5,000 mg/kg</td>
<td>&gt;5,000 mg/kg</td>
</tr>
<tr>
<td>Dermal LD₅₀</td>
<td>Up to and including 200 mg/kg</td>
<td>&gt;200 thru 2000 mg/kg</td>
<td>&gt;2000 thru 20,000 mg/kg</td>
<td>&gt;20,000 mg/kg</td>
</tr>
<tr>
<td>Inhalation LC₅₀</td>
<td>Up to and including 0.2 mg/liter</td>
<td>&gt;0.2 thru 2 mg/liter</td>
<td>&gt;2 thru 20 mg/liter</td>
<td>&gt;20 mg/liter</td>
</tr>
<tr>
<td>Eye irritation</td>
<td>Corrosive; corneal opacity not reversible within 7 days</td>
<td>Corneal opacity reversible within 7 days; irritation persisting for 7 days</td>
<td>Severe irritation at 72 hours</td>
<td>Moderate irritation at 72 hours</td>
</tr>
<tr>
<td>Skin irritation</td>
<td>Corrosive</td>
<td>No corneal opacity; irritation reversible within 7 days</td>
<td>Mild or slight irritation at 72 hours</td>
<td></td>
</tr>
</tbody>
</table>

§ 156.64 Signal word.

(a) Requirement. Except as provided in paragraph (a)(4), each pesticide product must bear on the front panel a signal word, reflecting the highest Toxicity Category (Category I is the highest toxicity category) to which the product is assigned by any of the five routes of exposure in §156.62. The signal word

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must also appear together with the heading for the human precautionary statement section of the labeling (see §156.70).

(1) **Toxicity Category I.** Any pesticide product meeting the criteria of Toxicity Category I for any route of exposure must bear on the front panel the signal word “DANGER.” In addition, if the product is assigned to Toxicity Category I on the basis of its oral, inhalation or dermal toxicity (as distinct from skin and eye irritation), the word “Poison” must appear in red on a background of distinctly contrasting color, and the skull and crossbones symbol must appear in immediate proximity to the word “Poison.”

(2) **Toxicity Category II.** Any pesticide product meeting the criteria of Toxicity Category II as the highest category by any route of exposure must bear on the front panel the signal word “WARNING.”

(3) **Toxicity Category III.** Any pesticide product meeting the criteria of Toxicity Category III as the highest category by any route of exposure must bear on the front panel the signal word “CAUTION.”

(4) **Toxicity Category IV.** A pesticide product meeting the criteria of Toxicity Category IV by all routes of exposure is not required to bear a signal word. If a signal word is used, it must be “CAUTION.”

(b) **Use of signal words.** In no case may a product:

(1) Bear a signal word reflecting a higher Toxicity Category than indicated by the route of exposure of highest toxicity, unless the Agency determines that such labeling is necessary to prevent unreasonable adverse effects on man or the environment;

(2) Bear a signal word reflecting a lesser Toxicity Category associated with a diluted product. Although precautionary statements for use dilutions may be included on label, the signal word must reflect the toxicity of the product as distributed or sold; or

(3) Bear different signal words on different parts of the label.

§ 156.68 First aid statement.

(a) **Product as sold and distributed.** Each product must bear a first aid statement if the product has systemic effects in Category I, II, or III, or skin or eye irritation effects in Category I or II.

(b) **Product as diluted for use.** If the product labeling bears directions for dilution with water prior to use, the label may also include a statement describing how the first aid measures may be modified for the diluted product. Such a statement must reflect the Toxicity Category(ies) of the diluted product, based upon data for the route of exposure (or calculations if appropriate). If the labeling provides for a range of use dilutions, only that use dilution representing the highest concentration allowed by labeling may be used as the basis for a statement pertaining to the diluted product. The statement for a diluted product may not substitute for the statement for the concentrate, but augments the information provided for the concentrate.

(c) **Heading.** The heading of the statement may be “First Aid” or “Statement of Practical Treatment.”

§ 156.66 Child hazard warning.

(a) Each pesticide product must bear on the front panel of the label the statement “Keep Out of Reach of Children.” That statement, or any alternative statement approved by EPA, must appear on a separate line in close proximity to the signal word, if required. The statement is required on Toxicity Category IV products that do not otherwise require a signal word.

(b) In its discretion, EPA may waive the requirement, or require or permit an alternative child hazard warning, if:

(1) The applicant can demonstrate that the likelihood of exposure of children to the pesticide during distribution, marketing, storage or use is remote (for example, an industrial use product); or

(2) The pesticide is approved for use on children (for example, an insect repellant).

(c) EPA may approve an alternative child hazard warning that more appropriately reflects the nature of the pesticide product to which children may be exposed (for example, an impregnated pet collar). In this case, EPA may also approve placement on other than the front panel.