

§ 156.78 Precautionary statements for physical or chemical hazards.

(a) *Requirement.* Warning statements on the flammability or explosive characteristics of the pesticide product are required if a product meets the criteria in this section. Warning statements pertaining to other physical/chemical hazards (e.g., oxidizing potential, conductivity, chemical reactions leading to production of toxic substances) may be required on a case-by-case basis.

(b) *Pressurized products.* The table below sets out the required flammability label statements for pressurized products.

FLAMMABILITY STATEMENTS FOR PRESSURIZED PRODUCTS

Flash point/ flame extension of product	Required labeling statement
—Flash point at or below 20° F	<i>Extremely flammable.</i> Contents under pressure. Keep away from fire, sparks, and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130° F may cause bursting.
OR	
—Flashback at any valve opening	
—Flash point >20° F to 80° F	<i>Flammable.</i> Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130° F may cause bursting.
OR	
—Flame extension more than 18 in. long at a distance of 6 in from the flame	
All other pressurized products	<i>Contents under pressure.</i> Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130° F may cause bursting.

(c) *Non-pressurized products.* The table below sets out the required flammability label statements for non-pressurized products.

FLAMMABILITY STATEMENTS FOR NON-PRESSURIZED PRODUCTS

Flash point	Required labeling statement
At or below 20° F	<i>Extremely flammable.</i> Keep away from fire, sparks and heated surfaces.
Greater than 20° F to 80° F	<i>Flammable.</i> Keep away from heat and open flame.
Greater than 80° F to 150° F	<i>Combustible.</i> Do not use or store near heat or open flame.

(d) *Total release fogger products.* (1) A *total release fogger* is defined as a pesticide product in a pressurized container designed to automatically release the total contents in one operation, for the purpose of creating a permeating fog within a confined space to deliver the pesticide throughout the space.

(2) If a pesticide product is a total release fogger containing a propellant with a flash point at or below 20° F, then the following special instructions must be added to the “Physical and Chemical Hazards” warning statement, in addition to any flammability statement required by paragraph (b) of this section:

This product contains a highly flammable ingredient. It may cause a fire or explosion if not used properly. Follow the Directions for Use on this label very carefully.

(3) A graphic symbol depicting fire, such as illustrated in this paragraph, or an equivalent symbol, must be displayed along with the required language adjoining the “Physical and Chemical Hazards” warning statement. The graphic symbol must be no smaller than twice the size of the first character of the human hazard signal word.



Highly Flammable Ingredient

Ingrediente Altamente Inflamable

d. By adding new subpart E, to read as follows:

Subpart E—Environmental Hazard and Precautionary Statements

- Sec.
- 156.80 General.
- 156.85 Non-target organisms.

Subpart E—Environmental Hazard and Precautionary Statements

§ 156.80 General.

(a) *Requirement.* Each product is required to bear hazard and precautionary statements for environmental hazards, including hazards to non-target organisms, as prescribed in this subpart. Hazard statements describe the type of hazard that may be present, while precautionary statements direct or inform the user of actions to take to avoid the hazard or mitigate its effects.

(b) *Location of statements.* Environmental hazard and precautionary statements may appear on any panel of the label and may be required also in supplemental labeling. The environmental hazard statements must appear together under the heading “Environmental Hazards.” Typically the statements are grouped as a sub-category within the “Precautionary Statements” section of the labeling.

(c) *Type size.* All environmental hazard and precautionary statements must be at least 6 point type.

§ 156.85 Non-target organisms.

(a) *Requirement.* Where a hazard exists to non-target organisms, EPA may require precautionary statements of the nature of the hazard and the appropriate precautions to avoid potential accident, injury, or damage.

(b) *Examples.* The statements in this paragraph illustrate the types of hazard statements that EPA may require and the circumstances under which they are typically required. These statements are not comprehensive; other statements may be required if more appropriate to the formulation or use.

(1) If a pesticide intended for outdoor use contains an active ingredient with a mammalian acute oral LD₅₀ of 100 mg/kg or less, the statement, “This pesticide is toxic to wildlife” is required.

(2) If a pesticide intended for outdoor use contains an active ingredient with a fish acute LC₅₀ of 1 ppm or less, the statement, “This pesticide is toxic to fish” is required.

(3) If a pesticide intended for outdoor use contains an active ingredient with an avian acute oral LD₅₀ of 100 mg/kg or less, or a subacute dietary LC₅₀ of 500 ppm or less, the statement, “This pesticide is toxic to wildlife” is required.

(4) If either accident history or field studies demonstrate that the use of the pesticide may result in fatality to birds, fish or mammals, the statement, “This pesticide is extremely toxic to wildlife (fish)” is required.