

## 52.223-20 Aerosols.

As prescribed in 23.109(d)(3), insert the following clause:

Aerosols (*May 2024*)

(a) *Definitions.* As used in this clause–

*Global warming potential* means how much a given mass of a chemical contributes to global warming over a given time period compared to the same mass of carbon dioxide. Carbon dioxide's *global warming potential* is defined as 1.0.

*High global warming potential hydrofluorocarbons* means any *hydrofluorocarbons* in a particular end use for which EPA's Significant New Alternatives Policy (SNAP) program has identified other acceptable alternatives that have lower *global warming potential*. The SNAP list of alternatives is found at 40 CFR part 82 subpart G with supplemental tables of alternatives available at (<https://www.epa.gov/snap/>).

*Hydrofluorocarbons* means compounds that only contain hydrogen, fluorine, and carbon.

(b) Unless otherwise specified in the contract, the Contractor *shall* reduce its use, release, or emissions of *high global warming potential hydrofluorocarbons*, when feasible, from aerosol propellants or solvents under this contract. When determining feasibility of using a particular alternative, the Contractor *shall* consider environmental, technical, and economic factors such as–

- (1) In-use emission rates, energy efficiency;
- (2) Safety, such as flammability or toxicity;
- (3) Ability to meet technical performance requirements; and
- (4) Commercial availability at a reasonable cost.

(c) The Contractor *shall* refer to EPA's SNAP program to identify alternatives. The SNAP list of alternatives is found at 40 CFR part 82 subpart G with supplemental tables available at <https://www.epa.gov/snap/>.

(End of clause)

**Parent topic:** 52.223 [Reserved]