



United States  
Environmental Protection Agency

Air and Radiation  
Stratospheric Protection Division  
6205J

## Tobacco Expansion Substitutes Under SNAP as of June 8, 1999

**SNAP Information:** <http://www.epa.gov/ozone/title6/snap/snap.html>  
**Stratospheric Ozone Protection Hotline:** (800) 296-1996

EPA has created the Significant New Alternatives Policy (SNAP) Program under section 612 of the Clean Air Act Amendments. SNAP evaluates alternatives to ozone-depleting substances. Substitutes are reviewed on the basis of ozone depletion potential, global warming potential, toxicity, flammability, and exposure potential as described in the March 18, 1994 final SNAP rule (59 FR 13044). Lists of acceptable and unacceptable substitutes will be updated periodically in the Federal Register. The following SNAP notices and subsequent final rules are included in this list: August 26, 1994 (59 FR 44240), January 13, 1995 (60 FR 3318), June 13, 1995 (60 FR 31092), July 28, 1995 (60 FR 38729), February 8, 1996 (61 FR 4736), May 22, 1996 (61 FR 25585), September 5, 1996 (61 FR 47012), October 16, 1996 (61 FR 54030), March 10, 1997 (62 FR 10700), June 3, 1997 (62 FR 30275), February 24, 1998 (63 FR 9151), May 22, 1998 (63 FR 28251), January 26, 1999 (64 FR 3861), April 28, 1999 (64 FR 22981), and June 8, 1999 (64 FR 30410).

### Acceptable Substitutes for Tobacco Expansion under the Significant New Alternatives Policy (SNAP) Program as of June 8, 1999

Substitute	ODS Being Replaced	Comments
Carbon Dioxide	CFC-11	New equipment only.
Propane	CFC-11	Propane tobacco expansion is a patented process. Flammability may be of concern for workers. Major sources of VOC emissions are subject to the New Source Review (NSR) program under the CAA.