R-39 REV. 1/77

IMPORTANT: Read Instructions on bottom of Certification Page before completing this form. Failure to comply with instructions may cause disapproval of proposed Regulations.

12/16/97

STATE OF CONNECTICUT
REGULATION
OF

NAME OF AGENCY

DEPARTMENT OF ENVIRONMENTAL PROTECTION

concerning

SUBJECT MATTER OF REGULATION

DEFINITION OF VOLATILE ORGANIC COMPOUND

Section 1

Subsection (97) of section 22a-174-1 of the Regulations of Connecticut State Agencies is amended as follows:

22a-174-1. Definitions.

(97) "Volatile organic compound" or "VOC" means any compound of carbon which participates in atmospheric photochemical reactions excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, ammonium carbonate and the organic compounds listed on Table 1(a)-1 below which the Administrator has designated as having negligible photochemical reactivity.

Table 1(a)-1 Exempt Volatile Organic Compounds	
acetone	ethane
methane	cyclic, branched, or linear completely methylated siloxanes
1,1,1-trichoroethane (methyl chloroform)	methylene chloride (dichloromethane)
trichlorofluoromethane (CFC-11)	dichlorodifluoromethane (CFC-12)
chlorodifluoromethane (HCFC-22)	trifluoromethane (HFC-23)
1,1,-dichloro-1-fluoroethane (HCFC-141b)	pentafluoroethane (HFC-125)
1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113)	1,2-dichloro-1,1,2,2-tetrafluoroethane (CFC-114)
chloropentafluoroethane (CFC-115)	1,1,2,2-tetrafluoroethane (HFC-134)

STATE OF CONNECTICUT
REGULATION
OF

NAME OF AGENCY
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Section 1

Table 1(a)-1 Exempt Volatile Organic Compounds	
1,1,1,2-tetrafluoroethane (HFC-134a)	1,1,1-trifluoroethane (HFC-143a)
1-chloro-1,1-difluoroethane (HCFC-142b)	1,1-difluoroethane (HFC-152a)
1,1,1-trifluoro- 2,2-dichloroethane (HCFC-123)	2-chloro- 1,1,1,2-tetrafluoroethane (HCFC-124)
PERCHLOROETHYLENE	1,1,1,2,3,4,4,5,5,5- DECAFLUOROPENTANE (HFC 43-10mee)
3,3-DICHLORO-1,1,1,2,2- PENTAFLUOROPROPANE (HCFC 225ca)	1,3-DICHLORO-1,1,2,2,3- PENTAFLUOROPROPANE (HCFC 225cb)
DIFLUOROMETHANE (HFC-32)	ETHYLFLUORIDE (HFC-161)
1,1,1,3,3,3-HEXAFLUOROPROPANE (HFC-236fa)	1,1,2,2,3-PENTAFLUOROPROPANE (HFC-245ca)
1,1,2,3,3-PENTAFLUOROPROPANE (HFC-245ea)	1,1,1,2,3-PENTAFLUOROPROPANE (HFC-245eb)
1,1,1,3,3-PENTAFLUOROPROPANE (HFC-245fa)	1,1,1,2,3,3-HEXAFLUOROPROPANE (HFC-236ea)
1,1,1,3,3-PENTAFLUOROBUTANE (HFC-365mfc)	CHLOROFLUOROMETHANE (HCFC-31)
1,2-DICHLORO-1,1,2- TRIFLUOROETHANE (HCFC-123a)	1-CHLORO-1-FLUOROETHANE (HCFC-151a)
1,1,1,2,2,3,3,4,4-NONAFLUORO-4- METHOXY-BUTANE ($C_4F_9OCH_3$)	2-(DIFLUOROMETHOXYMETHYL)- 1,1,1,2,3,3,3-HEPTAFLUOROPROPANE ($(CF_3)_2CFCF_2OCH_3$)
1-ETHOXY-1,1,2,2,3,3,4,4,4- NONAFLUOROBUTANE ($C_4F_9OC_2H_5$)	2-(ETHOXYDIFLUOROMETHYL)- 1,1,1,2,3,3,3-HEPTAFLUOROPROPANE ($(CF_3)_2CFCF_2OC_2H_5$)

STATE OF CONNECTICUT
REGULATION
OF

NAME OF AGENCY
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Section 1

Table 1(a)-1 Exempt Volatile Organic Compounds	
perfluorocarbon compounds which fall into these classes: (1) cyclic, branched, or linear, completely fluorinated alkanes; (2) cyclic, branched, or linear, completely fluorinated ethers with no unsaturations; (3) cyclic, branched, or linear, completely fluorinated tertiary amines with no unsaturations; and (4) sulfur containing perfluorocarbons with no unsaturations and with sulfur bonds only to carbon and fluorine.	parachlorobenzotrifluoride (4-chlorobenzotrifluoride)

Statement of Purpose: to amend the definition of volatile organic compounds (VOC) to exempt an additional twenty compounds from the definition of VOC based on a finding by the U.S. Environmental Protection Agency that such compounds have negligible photochemical reactivity.

CERTIFICATION
R-39 REV. 1/77

Be it known that the foregoing:

☒ Regulations ☐ Emergency Regulations

Are:

☐ Adopted ☒ Amended as hereinabove stated ☐ Repealed

By the aforesaid agency pursuant to:

☒ Section 22a-174 of the General Statutes.

☐ Section _____ of the General Statutes, as amended by Public Act No. _____ of the ___ Public Acts.

☐ Public Act No. _____ of the Public Acts.

After publication in the Connecticut Law Journal on June 10 19 97, of the notice of the proposal to:

☐ Adopt ☒ Amend ☐ Repeal such regulations

(If applicable): ☒ And the holding of a public hearing on 16th day of July 19 97

WHEREFORE, the foregoing regulations are hereby:

☐ Adopted ☒ Amended as hereinabove stated ☐ Repealed

Effective:

☒ When filed with the Secretary of State.

(OR)

☐ The _____ day of _____ 19 ___.

In Witness Whereof:	DATE 7/24/97	SIGNED *(Head of Department, Agency or Commission)*	OFFICIAL TITLE, DULY AUTHORIZED Asst Commissioner
Approved by the Attorney General as to legal sufficiency in accordance with Sec. 4-169, as amended, C.G.S.:		SIGNED	OFFICIAL TITLE, DULY AUTHORIZED Assoc Atty General

☒ Approved 10/8/97

☐ Disapproved

☐ Disapproved in part. *(Indicate Section Numbers disapproved only)*

☐ Rejected without prejudice.

By the Legislative Regulation Review Committee in accordance with Sec. 4-170, as amended, of the General Statutes.	DATE 12-16-97	SIGNED *(Clerk of the Legislative Regulation Review Committee)*

Two certified copies received and filed, and one such copy forwarded to the Commission on Official Legal Publications in accordance with Section 4-172, as amended, of the General Statutes.

DATE	SIGNED *(Secretary of the State.)*	BY

INSTRUCTIONS

1. One copy of all regulations for adoption, amendment or repeal, except emergency regulations, must be presented to the Attorney General for his determination of legal sufficiency. Section 4-169 of the General Statutes

2. Seventeen copies of all regulations for adoption, amendment or repeal, except emergency regulations, must be presented to the standing Legislative Regulation Review Committee for its approval. Section 4-170 of the General Statutes.

3. Each regulation must be in the form intended for publication and must include the appropriate regulation section number and section heading. Section 4-172 of the General Statutes.

4. Indicate by "(NEW)" in heading if new regulation. Amended regulations must contain new language in capital letters and deleted language in brackets. Section 4-170 of the General Statutes.

RECEIVED
DEC 22 1997
RECORDS & LEGISLATIVE SERVICES
SECRETARY OF THE STATE