

**Department of State
Division of Publications**

312 Rosa L. Parks Avenue, 8th Floor Snodgrass/TN Tower
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Phone: 615-741-2650
Fax: 615-741-5133
Email: register.information@tn.gov

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Sequence Number: 05-0811
Rule ID(s): 4952
File Date: 05/25/2011
Effective Date: 08/23/2011

Rulemaking Hearing Rule(s) Filing Form

Rulemaking Hearing Rules are rules filed after and as a result of a rulemaking hearing. TCA Section 4-5-205

Agency/Board/Commission:	Environment and Conservation
Division:	Air Pollution Control
Contact Person:	Malcolm H. Butler
Address:	9 th Floor L & C Annex 401 Church Street Nashville, Tennessee
Zip:	37243-1531
Phone:	615-532-0600
Email:	Malcolm.Butler@tn.gov

Revision Type (check all that apply):

- Amendment
 New
 Repeal

Rule(s) Revised (ALL chapters and rules contained in filing must be listed here. If needed, copy and paste additional tables to accommodate multiple chapters. Please enter only **ONE Rule Number/Rule Title per row)**

Chapter Number	Chapter Title
1200-03-11	Hazardous Air Contaminants
Rule Number	Rule Title
1200-03-11-.01	General Provisions

(Place substance of rules and other info here. Statutory authority must be given for each rule change. For information on formatting rules go to <http://state.tn.us/sos/rules/1360/1360.htm>)

Chapter 1200-03-11
Hazardous Air Contaminants

Amendment

Part 1 of subparagraph (s) of paragraph (3) of rule 1200-03-11-.01 General Provisions is amended by adding the following language "propylene carbonate; dimethyl carbonate;" between the words "methyl formate (HCOOCH₃);" and "and perfluorocarbon", so that, as amended, part 1 shall read:

1. This includes any such organic compound other than the following, which have been determined to have negligible photochemical reactivity: methane; ethane; methylene chloride (dichloromethane); 1,1,1-trichloroethane (methyl chloroform); 1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113); trichlorofluoromethane (CFC-11); dichlorodifluoromethane (CFC-12); chlorodifluoromethane (HCFC-22); trifluoromethane (HFC-23); 1,2-dichloro 1,1,2,2-tetrafluoroethane (CFC-114); chloropentafluoroethane (CFC-115); 1,1,1-trifluoro 2,2-dichloroethane (HCFC-123); 1,1,1,2-tetrafluoroethane (HFC-134a); 1,1-dichloro 1-fluoroethane (HCFC-141b); 1-chloro 1,1-difluoroethane (HCFC-142b); 2-chloro-1,1,1,2-tetrafluoroethane (HCFC-124); pentafluoroethane (HFC-125); 1,1,2,2-tetrafluoroethane (HFC-134); 1,1,1-trifluoroethane (HFC-143a); 1,1-difluoroethane (HFC-152a); parachlorobenzotrifluoride (PCBTF); cyclic, branched, or linear completely methylated siloxanes; acetone; perchloroethylene (tetrachloroethylene); 3,3-dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca); 1,3-dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb); 1,1,1,2,3,4,4,5,5,5-decafluoropentane (HFC-43-10mee); 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-chloro-1-fluoroethane (HCFC-151a); 1,2-dichloro-1,1,2-trifluoroethane (HCFC-123a); 1,1,1,2,2,3,3,4,4-nonafluoro-4-methoxy-butane (C₄F₉OCH₃); 2-(difluoromethoxymethyl)-1,1,1,2,3,3,3-heptafluoropropane ((CF₃)₂CFCF₂OCH₃); 1-ethoxy-1,1,2,2,3,3,4,4,4-nonafluorobutane (C₄F₉OC₂H₅); 2-(ethoxydifluoromethyl)-1,1,1,2,3,3,3-heptafluoropropane ((CF₃)₂CFCF₂OC₂H₅); methyl acetate; 1,1,1,2,2,3,3-heptafluoro-3-methoxypropane (n-C₃F₇OCH₃, HFE-7000); 3-ethoxy-1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-(trifluoromethyl) hexane (HFE-7500); 1,1,1,2,3,3,3-heptafluoropropane (HFC 227ea); methyl formate (HCOOCH₃); propylene carbonate; dimethyl carbonate; and perfluorocarbon compounds which fall into these classes:
 - (i) Cyclic, branched, or linear, completely fluorinated alkanes;
 - (ii) Cyclic, branched, or linear, completely fluorinated ethers with no unsaturations;
 - (iii) Cyclic, branched, or linear, completely fluorinated tertiary amines with no unsaturations; and
 - (iv) Sulfur containing perfluorocarbons with no unsaturations and with sulfur bonds only to carbon and fluorine.

Authority: T.C.A. § 68-201-101 et seq., and 4-5-201 et seq.

* If a roll-call vote was necessary, the vote by the Agency on these rulemaking hearing rules was as follows:

Board Member	Aye	No	Abstain	Absent	Signature (if required)
Michael Atchison	✓				Michael Atchison
Dr. J. Ronald Bailey	✓				J. Ronald Bailey
Tracy R. Carter	✓				Tracy R. Carter
Dr. Brian Christman	✓				Brian Christman
Dr. Wayne T. Davis					Wayne Davis
Dr. Mary English				✓	
Stephen R. Gossett	✓				Stephen Gossett
Honorable Mayor Tommy Green, Jr.	✓				Tommy Green
Dr. Shawn A. Hawkins	✓				Shawn Hawkins
Helen S. Hennon				✓	
Richard M. Holland	✓				Richard Holland
John R. Roberts, Sr.	✓				John R. Roberts
Alicia M. Wilson	✓				Alicia Wilson
Honorable Mayor Larry Waters	✓				Larry Waters

I certify that this is an accurate and complete copy of rulemaking hearing rules, lawfully promulgated and adopted by the Air Pollution Control (board/commission/ other authority) on 11/10/2010 (mm/dd/yyyy), and is in compliance with the provisions of TCA 4-5-222.

I further certify the following:

Notice of Rulemaking Hearing filed with the Department of State on: 07/16/10

Rulemaking Hearing(s) Conducted on: (add more dates). 09/09/10

Date: December 2, 2010

Signature: Barry R. Stephens

Name of Officer: Barry R. Stephens, P.E.

Title of Officer: Technical Secretary



Subscribed and sworn to before me on: December 2, 2010

Notary Public Signature: Malcolm H. Butler

My commission expires on: May 6, 2013

All rulemaking hearing rules provided for herein have been examined by the Attorney General and Reporter of the State of Tennessee and are approved as to legality pursuant to the provisions of the Administrative Procedures Act, Tennessee Code Annotated, Title 4, Chapter 5.

RE Cooper Jr
Robert E. Cooper, Jr.
Attorney General and Reporter
5-19-11

Date

Department of State Use Only

Filed with the Department of State on: 5/25/11

Effective on: 8/23/11

Tre Hargett
Tre Hargett
Secretary of State

RECEIVED
2011 MAY 25 AM 11:14
SECRETARY OF STATE
PUBLICATIONS

Public Hearing Comments

One copy of a document containing responses to comments made at the public hearing must accompany the filing pursuant to T.C.A. §4-5-222. Agencies shall include only their responses to public hearing comments, which can be summarized. No letters of inquiry from parties questioning the rule will be accepted. When no comments are received at the public hearing, the agency need only draft a memorandum stating such and include it with the Rulemaking Hearing Rule filing. Minutes of the meeting will not be accepted. Transcripts are not acceptable.

There were no comments received at the public hearing or during the comment period.

Regulatory Flexibility Addendum

Pursuant to T.C.A. § 4-5-401 through 4-5-404, prior to initiating the rule making process as described in T.C.A. § 4-5-202(a)(3) and T.C.A. § 4-5-202(a), all agencies shall conduct a review of whether a proposed rule or rule affects small businesses.

(If applicable, insert Regulatory Flexibility Addendum here)

The foregoing amendment to 1200-03-11-.01 is a substantial codification of 40 CFR 51.100 and is exempt from the requirements of T.C.A. § 4-5-401 et seq.

Impact on Local Governments

Pursuant to T.C.A. 4-5-220 and 4-5-228 "any rule proposed to be promulgated shall state in a simple declarative sentence, without additional comments on the merits of the policy of the rules or regulation, whether the rule or regulation may have a projected impact on local governments." (See Public Chapter Number 1070 (<http://state.tn.us/sos/acts/106/pub/pc1070.pdf>) of the 2010 Session of the General Assembly)

This amendment does not have any impact on local governments.

Additional Information Required by Joint Government Operations Committee

All agencies, upon filing a rule, must also submit the following pursuant to TCA 4-5-226(i)(1).

- (A)** A brief summary of the rule and a description of all relevant changes in previous regulations effectuated by such rule;

This action revises the State's definition of volatile organic compounds (VOC's) for purposes of preparing the state implementation plans (SIP) to attain the national ambient air quality standard for ozone under Title I of the Clean Air Act (Act). This revision adds the compounds propylene carbonate and dimethyl carbonate to the list of compounds which are excluded from the definition of VOC on the basis that these compounds make a negligible contribution to tropospheric ozone formation.

- (B)** A citation to and brief description of any federal law or regulation or any state law or regulation mandating promulgation of such rule or establishing guidelines relevant thereto;

[Federal Register / Volume 74, Number 12 / Wednesday, January 21, 2009 / Rules and Regulations, Pages 3437 through 3441

- (C)** Identification of persons, organizations, corporations or governmental entities most directly affected by this rule, and whether those persons, organizations, corporations or governmental entities urge adoption or rejection of this rule;

Propylene carbonate has been used in cosmetics, as and adhesive component in food packaging, as a solvent for plasticizers and synthetic fibers and polymers, and as a solvent for aerial pesticide application. Dimethyl carbonate may be used as a solvent in paints and coatings. No comments were received to urge adoption or rejection of this rule amendment.

- (D)** Identification of any opinions of the attorney general and reporter or any judicial ruling that directly relates to the rule;

The Department is not aware of any.

- (E)** An estimate of the probable increase or decrease in state and local government revenues and expenditures, if any, resulting from the promulgation of this rule, and assumptions and reasoning upon which the estimate is based. An agency shall not state that the fiscal impact is minimal if the fiscal impact is more than two percent (2%) of the agency's annual budget or five hundred thousand dollars (\$500,000), whichever is less;

None.

- (F)** Identification of the appropriate agency representative or representatives, possessing substantial knowledge and understanding of the rule;

Malcolm H. Butler
Division of Air Pollution Control
9th Floor, L & C Annex
401 Church Street
Nashville, Tennessee 37243-1531

- (G)** Identification of the appropriate agency representative or representatives who will explain the rule at a scheduled meeting of the committees;

Alan M. Leiserson
Legal Services Director
Department of Environment and Conservation

- (H) Office address, telephone number, and email address of the agency representative or representatives who will explain the rule at a scheduled meeting of the committees; and

Office of General Counsel
Department of Environment and Conservation
20th Floor L & C Tower
Nashville, Tennessee 37243-1548
(615) 532-0131
Alan.Leiserson@tn.gov

- (I) Any additional information relevant to the rule proposed for continuation that the committee requests.

The Department is not aware of any.

RM11-01(3)(s).doc

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Chapter 1200-03-11
Hazardous Air Contaminants

Amendment in Redline

Part 1 of subparagraph (s) of paragraph (3) of rule 1200-03-11-.01 General Provisions is amended by adding the following language "propylene carbonate; dimethyl carbonate;" between the words "methyl formate (HCOOCH₃);" and "and perfluorocarbon", so that, as amended, part 1 shall read:

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 - (i) Cyclic, branched, or linear, completely fluorinated alkanes;
 - (ii) Cyclic, branched, or linear, completely fluorinated ethers with no unsaturations;
 - (iii) Cyclic, branched, or linear, completely fluorinated tertiary amines with no unsaturations; and
 - (iv) Sulfur containing perfluorocarbons with no unsaturations and with sulfur bonds only to carbon and fluorine.

Authority: T.C.A. § 68-201-101 et seq., and 4-5-201 et seq.