

### Waiver Requests Under Section 211(f) of the Clean Air Act

APPLICANT (DOCKET #)	FUEL OR ADDITIVE	ACTION	DATE	Federal Register Cite
1. Ethyl Corporation (MSED-211(f)-MMT)	MMT (1/16 and 1/32 gpg Mn)	Denied	9/12/78	43 FR 41424 (9/18/78)
2. Gas Plus, Inc. (MSED-211(f)-EtOH)	0-10% anhydrous ethanol ("gasohol")	Granted w/o decision	12/16/78	44 FR 20777 (4/6/79)
		Interpret.	3/30/82	47 FR 14596 (4/5/82)
3. Petro-Tex Chemical Co. (MSED-211(f)-MTBE)	MTBE (0-15%)	Denied	12/16/78	44 FR 1447 (1/5/79)
4. ARCO (MSED-211(f)-TBA ("Arconol"))	TBA (0-7%)	Granted	2/6/79	44 FR 10530 (2/21/79)
5. ARCO (MSED-211(f)-MTBE)	MTBE (0-7%)	Granted	2/23/79	44 FR 12242 (3/6/79)
6. Sun Petroleum Products Co. (EN-79-12)	Methanol/TBA (0-5.5%)	Conditionally granted	6/13/79	44 FR 37074 (6/25/79)
	Petition to revoke	Denied	11/10/80	45 FR 75755 (11/17/80)
7. Beker Industries (EN-79-20)	Crude Methanol (0-15%)	Denied	4/11/80	45 FR 26112 (4/17/80)

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		Characterization Report		45 FR 32760 (5/19/80)
8. Conservation Consultants of New England (EN-80-5/7)	Ethanol (5%)/Methanol (5%)	Denied	8/8/80	45 FR 53861 (8/13/80)
9. Texaco (EN-80-12)	"TC-11064"	Granted	8/29/80	45 FR 58954 (9/5/80)
10. Anafuel Unlimited (EN-81-8)	"Petrocoal" (Methanol, Cosolvent alcohols with proprietary inhibitor)	Granted	9/28/81	46 FR 48975 (10/5/81)
	Petition to revoke	Proposal to reconsider	3/16/84	49 FR 11879 (3/28/84)
	Court vacates proposal to reconsider under 211(f)		12/4/84	
	Court vacates original decision	Consideration of original waiver	7/26/85	51 FR 9114 (3/17/86)
		Original waiver denied	8/4/86	51 FR 28757 (8/11/86)

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11. ARCO (EN-81-10)	Up to 4.75% Methanol/ 4.75% GTBA/3.5% oxygen	Granted	11/7/81	46 FR 56361 (11/16/81)
12. Ethyl Corp. (EN-81-15)	MMT (1/64 gpg Mn)	Denied	11/20/81	46 FR 58360 (12/1/81)
13. Synco 76 Fuel Corp. (EN-81-20)	10% Ethanol + proprietary additive	Granted	5/18/82	47 FR 22404 (5/24/82)
14. E.I. DuPont de Nemours & Company (A-82-33)	Methanol (0-3%)	Denied	2/18/83	48 FR 8124 (2/25/83)
15. American Methyl Corp. (EN-83-03)	"Methyl 10" (Methanol, Cosolvent alcohols and proprietary inhibitor	Denied	11/14/83	48 FR 52634 (11/21/83)
16. Ethanol Plus, Ltd. (EN-84-01)	"Ethanol Plus" Ethanol/isopropanol/ metal deactivator (0-10%)	Withdrawn by applicant	9/7/84	49 FR 39381 (10/5/84)
17. E.I. DuPont de Nemours & Company (EN-84-06)	5% Methanol, 2.5% cosolvent alcohols, specified corrosion inhibitor	Conditionally granted	1/10/85	50 FR 2615 (1/17/85)
		Reconsideration	4/10/86	51 FR 15064 (4/22/86)
		Modifications of original conditions	10/22/86 5/13/87	51 FR 39800 (10/31/86) 52 FR 18736 (5/19/87)
18. AM Laboratories, Inc. (EN-87-05)	"AM 5/5," 5% methanol, 5% cosolvent alcohols, specified corrosion inhibitor	Denied	1/19/88	53 FR 2088 (1/26/88)

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19. Texas Methanol Corp. (EN-87-06)	"OCTAMIX," 5% methanol, 2.5% (C2-C8) cosolvent alcohols, specified corrosion inhibitor	Conditionally granted	2/1/88	53 FR 3636 (2/8/88)
		Correction of cosolvent specifications	5/12/88	53 FR 17977 (5/19/88)
		Modification of original conditions	10/21/88	53 FR 43768 (10/28/88)
		Modification of original conditions	5/31/12	77 FR 3373 (6/7/12)
		Modification of original conditions	6/7/12	77 FR 35677 (6/14/12)
		Correction of original conditions	10/25/12	77 FR 66074 (11/1/12)
20. Sun Refining and Marketing Co. (EN-88-02)	15% MTBE	Conditionally granted	8/25/88	53 FR 33846 (9/1/88)
21. Ethyl Corporation (A-90-16)	MMT (1/32 gpg Mn)	Withdrawn by applicant	11/1/90	55 FR 52215 (12/20/91)
22. Ethyl Corporation (A-91-46 and A-90-16)	MMT (1/32 gpg Mn)	Denied	1/8/92	57 FR 2535 (1/22/92)

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23. Ethyl Corporation (A-93-26, A-91-46, and A-90-16)	MMT (1/32 gpg Mn)	Denied	7/13/94	59 FR 42227 (8/17/94)
24. Ethyl Corporation	MMT (1/32 gpg Mn)	Granted	7/11/95	60 FR 36414 (7/17/95)
25. Growth Energy (EPA-HQ-OAR-2009-0211)	15% Ethanol	Partial waiver granted	10/13/10	75 FR 68094 (11/4/10)
		Partial waiver granted	1/21/11	76 FR 4662 (1/26/11)

NOTES:

- (1) Public records for requests are available at the Air and Radiation Docket and Information Center, EPA/DC, EPA West, Room 3334, 1301 Constitution Ave., NW, Washington, DC 20460. The public reading room is open 8:30 a.m. to 4:30 p.m., Monday through Friday, excluding legal holidays. The telephone number for the Public Reading Room is (202) 566-1744, and the telephone number for the Air Docket is (202) 566-1742.
- (2) In order to determine whether a waiver is required for a given gasoline or gasoline additive, see the "Substantially Similar" revised interpretive rule in 73 FR 22277 (4/25/08). In order to determine whether a waiver is required for a given gasoline or gasoline additive containing a gasoline-ethanol blend, see the "Substantially Similar" interpretive rule in 84 FR 28021 (6/10/19)
- (3) For further information contact: Robert Anderson (202) 343-9718, Jim Caldwell (202) 343-9303, Jaimee Dong (202) 343-9672, Jose Solar (202) 343-9027 or Joe Sopata (202) 343-9034  
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