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U.S. Environmental Protection Agency Office of Transportation and Air Quality

Form Approval
OMB No. 2060-0150
Approval Expires 01/31/2017

Leave Blank

Fuel Additive Manufacturer Notification

PROTE Requir	rea Fleia							
1. Additive (Commer	cial Name):							
2. Company Name:						ew Company egistered Compan	2a. Comp	oany ID:
3. Street Address:								
City:	* (Country:	4	State:	* Pro	ovince:	ė	[•] Zip:
	ent - Blended int : - Sold in consur	to fuel prior to ner-sized cont	ainers for addit			system.		
(Complete as appro				commended	frequen	cy of use)		
Bulk Treatment For Use In	Range (of Additive Conce	entration) Unit	Aftermarke For Use In	t	Range (of Additive Conce	ntration) Unit
	Highest	Lowest	Average			Highest	Lowest	Average
Unleaded Motor Vehicle Gasoline				Unleaded N Vehicle Gas				
Motor Vehicle Diesel Fuel				Motor Vehi Diesel Fuel				
If this is an aerosol, re				ļ				
6. Recommended Purification Gas Diesel (a) (b) (c) (d) (d) (e) (f) (g) (h) (i) (j) (k) (l) (m) (n) (o) (p) (q) (r) (s) (t) (u) (v)	Purpose-In-Use Anti-icing age Antiknock Antioxidant Antistall agen Antistatic age Cetane impro Combustion i Corrosion inh Deposit modi Detergent Dye Gum solvent Masking or or Metal deactiv Pour point de Sediment inh Stabilizer or d Upper cylinde Octane enhar Flow improve Volume exter	ent/moisture ent ent ent ent ever mprover/mo ibitor fier/control dorizing ager ator epressant ibitor lispersant er lubricant ncer	absorbent difier	Gas Diesel	(ac) (af) (an) (bc) (bd) (ca) (cc) (dc) (df) (di) (ec) (es) (fr) (ia) (ic) (iv) (la) (mr) (ox) (pc) (ri)	Purpose-I Additive com Anti-flamant Acid neutraliz Blended com Biodiesel Carrier Combustion Cloud point of Detergent con Defoamer Dilutent Emission con Exhaust syste Certified dete Identifying ag Fuel injector Intake valve of Lubricity age Marker Oxygenate Process chem Rust inhibitor	aponent zer aponent/blen chamber clea depressant ampound atrol em cleaner ergent gent cleaner cleaner nt	

a) Names of Additive Compounds or Components		omponent Percent		nods of nalysis	Chemical Abstract Service No.
				7. 7.	
		1		M. d. d. c	
b) Elemental Breakdown		Elemental Percent	Methods of Analysis		
c) Information on the chemical process of manufactur	rer is attached.	Yes	□No		
. Chemical Structure - Is the chemical structure of all c	omponents <u>co</u>	mpletely def	ined by the nar	nes given under It	em 7(a)?
Yes No If "No," attach separate sheet(s)					
	, p. o				
Yes No Does this Additive use Nanotec	:hnology?				
. Impurities - If greater than 0.1% by weight, to the ext					
	Pe	ercent by We	ight		
Name of Impurities	Highest	Lowest	Average	Methods	of Analysis
				_	
					

		analytical techniques and/or diesel fuel?	that can be	used to detect the pre	esence of this fuel additive and/	or measure its
□No	Yes	If "Yes," attach sep	oarate sheet(s) providing the inforn	nation.	
between this tadditive when health or welf	fuel additive oused in ga are effects o	e and gasoline and/or soline and/or diesel fu of the emission produc es or systems?	diesel fuel; to el; the effect ets of this fue parate shee	the identification and r ts of this fuel additive o el additive; and/or the	anisms of action of this fuel add measurement of the emission pro on all emissions; the toxicity and effects of the emission products ies and a description of the test	roducts of this fuel d any other public s on the performance
* 12. Is this ad	ditive a rela	bel of an additive curr	ently registe	ered under 40 CFR sect	ion 79?	
* No	Yes	If "Yes," enter th	e name of th	ne additive and its mar	nufacturer.	
Name of r	egistered a	dditive:				
Manufact	urer:					
* 13. Annual P	roduction -	What is the estimated	l annual volu	ume, in gallons, of this	additive during the third year o	f production?
Bulk:			Gallons	Aftermarket:		Gallons
the percent of	f sales by Pe es for each		on for Defen	se District (PADD) for t	third year of production, enter the bulk additive volume and the	e

If you answered "yes" to item 12, skip to ite	m 19.			
15. Is this fuel additive derived only from conve	entional petroleum, h	eavy oil deposits, coal, tar	sands, and/or oil sands	?
☐Yes ☐No				
16. Small Business Provisions - 40 CFR 79.58(d).				
A manufacturer of a baseline or non baseline of \$50 million is exempt from the Tier 1 and Tier 2 average of the previous three years annual sale believe that you qualify for an exemption, enter (Note: In cases where subsidiary, divisional, or level pertains is the parent company with ultimatopmost company encompassing all related parents.	2 health-effects testing es revenue is less than er below your sales rev other complex busine nate ownership. The "i	g requirements. A manufact \$10 million is exempt from venue for each of the prevenue for each of the prevenue ss arrangements exist, the cultimate" parent is defined	cturer of an atypical add in the Tier 2 requiremer ious three years and the business entity to which I as the uppermost hea	ditive whose nts. If you e average. ch this sales dquarters or
follows that used by the Small Business Admin eligible for an exemption.)	istration. It also helps	to ensure that a company	will not subdivide mer	ely to become
Annual sales revenue 3 years ago:	\$			
Annual sales revenue 2 years ago:	\$			
Annual sales revenue 1 year ago:	\$			
Average of above:	\$			
Is the above average for the company name	ed in Item 2? ete the following:			
Name of the parent company with ultimat	e ownership:			
Street Address:				
City: State:	Province:	Zip:	Country:	
Contact Name:		Phone:		
Title:		Email:		
17. Aerosol - Is this an aerosol additive?				
□No □Yes				
If "Yes," do you claim applicability of the speci	ial provisions for aero	sol additives at 40 CFR 79.5	58(e)?	
□No □Yes If "Yes	s," attach the informat	ion required for an aeroso	l additive and skip to it	em 19.

LI A I OIIII 3320-13 (01-	-01-2017) - 1 dei Additive Maridiacturer Notification	1 age 3 of 0
	ion - Pursuant to 40 CFR section 79.56. If you do not qualify be a member of a testing group appropriate for your fuel ac	
This additive is co	overed by the following testing group:	
Group description:		
Organizing entity:		
Contact person:	Prefix: First Name:	Last Name:
Telephone:	() Extension:	Fax: ()
Email:		
	Street:	
Address:	City: State:	Zip: Country:
	Province:	
* 19. Confidential Busir information may be may 40 CFR 2.	ed the appropriate information. No If "No," attach an explanation. ness Information - You may assert a business confidentiality ade available to the public without further notice. All quest sert a claim of confidentiality for any item?	
*	Yes If "Yes," indicate "Yes" or "No" for each item below	w:
Item 5:	Yes No Item 10: Yes No	Item 14: Yes No
Item 7:	Yes No Item 11: Yes No	Item 15: Yes No
Item 8:	Yes No Item 12: Yes No	Item 16: Yes No
Item 9:	Yes No Item 13: Yes No	Item 18: Yes No
20. Attachments - Are	attachments included with this notification?	
□No □Y	'es If "Yes," list below:	
□No □Y	Yes Are the attachments confidential? If"Yes," also indicate on attachments.	

21.Certification

To the best of my knowledge, the above is complete and correct.

I am authorized by the manufacturer to submit this notification.

As per 40 CFR 79.21(f), the U.S. Environmental Protection Agency would be notified <u>in writing</u> if certain information in this notification were to change.

This fuel additive manufacturer will not represent, directly or indirectly, in any notice, circular, letter, or other written communication, or any written, oral, or pictorial notice or other announcement in any publication or by radio or television, that registration of this fuel additive constitutes endorsement, certification, or approval by any agency of the United States.

* Date:				
* Name of Signer Pref	ix: First Name:	:	Last Name:	
* Telephone: ()	Ex	xtension:	Fax: (
Title:		E-mail:		
Check if the Conta	ct Person is the same as the	e signer above.		
* Contact Person: Pref	fix: First Name:	:	Last Name:	
* Telephone: ()	Ex	ctension:	Fax: ()	
Title:		E-mail:		
nts:				

Mail the completed form to:

U.S. Environmental Protection Agency William Jefferson Clinton Building Mail Code - 6405A 1200 Pennsylvania Avenue, NW Washington, DC 20460

Telephone (202) 343-9648 Fax (202) 343-2825 Email: caldwell.jim@epa.gov Email: solar.jose@epa.gov

This office is operated by a contractor for the EPA.

or, via courier:

U.S. Environmental Protection Agency William Jefferson Clinton Building Room 5512D; (202) 343-9038 1200 Pennsylvania Ave, NW Washington, DC 20004