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

Form Approval OMB No. 2060-0150 Approval Expires 01/31/2004

| VVIII | | | | | | | | | 11 | | | | | |
|---|-------------------------------|---------|------------------|------------------------|-----------------|---------------|------------------------------------|----------------------|-----------|---------------------------|----------------------------|----------------|------------------------|--|
| Fuel Additive Manufacturer Notification | | | | | | | | Lea | ave Blank | | | | | |
| 1 Ac | 1. Additive (Comercial Name): | | | | | | | | | | | | | |
| 1. 700 | aditivo (| COM | oroiai i | tamoj. | | | | | | | | | | |
| 2. Co | 2. Company Name: | | | | | | | | 2a. Comp | 2a. Company ID: | | | | |
| 3 Δα | ddress: | | | | | | | | | | | | Α | |
| J. AC | uu 633. | | | | | | | | | | | | _ | |
| | | | | | | | | | | | | | | |
| 4 Me | ethod of | f I Isa | (Check | k as Appropriat | tΦ). | | | | | | | | ⊻. | |
| T. IVIC | , ii loa oi | | (Onco | к аз Арргорна | ,. | | | | | | | | | |
| | | | | Treatment - B | | · · | | - | | | | | | |
| | | | After | market - Sold i | in consumer-s | ized containe | ers fo | or additio | n to a v | ehic | cle's fuel syste | m. | | |
| 5 Re | comme | nded | Heans | e and Range o | f Concentration | | | | | | | | | |
| | | | | riate. If this is a | | | reco | mmend | ed frequ | ienc | cy of use) | | | |
| | | | | Range of | Additive Conc | entration | | | | | Range of | Additive Cond | Additive Concentration | |
| | Treatm | ent | | (|) | Units | | ermarket | t | | (|) | Units | |
| | Jse In | | | Highest | Lowest | Average | For Use In Highest | | Lowest | Average | | | | |
| | aded M cle Gas | | | | | | Unleaded Motor Vehicle Gasoline | | | | | | | |
| | r Vehic | | esel | | | | | Motor Vehicle Diesel | | | | | | |
| Fuel | | | | | | | Fue | el | | | | | | |
| If this | s is an a | aeros | ol, reco | ommended fred | quency of use: | | | | | | | | | |
| 6. Red | comme | nded | Purpos | se-In-Use of th | e fuel additive | named in Ite | m 1 | (Check | Appropr | iate | Item(s)). | | | |
| Gas | Diesel | | | se-In-Use | | | Gas | Diesel | | | pose-In-Use | | | |
| | | | | ing agent/mois | ture absorben | t | | | | | ditive compone | ent | | |
| | | ` ' | Antikn Antiox | | | | | | | | i-flamant d neutralizer | | | |
| | | ` ' | | all agent | | | | | ` , | | nded compone | ent/blend stoc | k | |
| | | | | atic agent | | | | | | | diesel | | | |
| | | | | e improver | | | | | ` ' | Car | | | | |
| | | (g) | Comb | ustion improve | r/modifier | | | | (cc) | Cor | mbustion cham | nber cleaner | | |
| | | | | sion inhibitor | | | | | (cp) | Clo | ud point depre | essant | | |
| | | | - | sit modifier/con | trol | | | | | | ergent compo | und | | |
| | | | Deterg | gent | | | | | , , | | oamer | | | |
| | | | Dye Gum s | solvent | | | | | ` ' | Dilutent Emission control | | | | |
| | | | | ng or odorizing | agent | | | | | | aust system o | leaner | | |
| | | | | deactivator | 9 | | | | | | tified deterger | | | |
| | | | Pour p | ooint depressa | nt | | | | | lder | ntifying agent | | | |
| | (p) Sediment inhibitor | | | | | (ic) | Fuel injector cleaner | | | | | | | |
| | | , | | lizer or dispersant | | | | | ` ' | Intake valve cleaner | | | | |
| | | . , | | cylinder lubric | ant | | | | | | ricity agent | | | |
| | | ٠,, | | e enhancer | | | | | , , | Mar | | | | |
| | | | | mprover ie extender | | | | | | | /genate cess chemical | I | | |
| | | | | retor and choke | e cleaner | | | | | | st inhibitor | 1 | | |
| | | | | cide/bactericide | | | | | | Starting Fluid | | | | |
| | | | - | lubricant | J | | | | | | eetener | | | |
| | | (y) | Demul | lsifier/dehazer | | | | | (tr) | Trad | cer | | | |

| 7. Chemical Composition: | | | | | |
|--|---------------|----------------------|--------------|------------------------|----------------------------------|
| (a) Names of Additive Compounds or Compor | nents | Component Percent | | Methods of Analysis | Chemical Abstract Service No. |
| | | | | | |
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| (b) Elemental Breakdown | | Elemental Percent | | Methods of Analysis | |
| | | Percent | | Analysis | |
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| (c) Information on the chemical process of mar | nufacturer is | attached. | Yes | | No |
| 8. Chemical Structure - Is the chemical structure | re of all com | ponents comp | etely define | | |
| ☐ Yes ☐ No If "No," attach selthey are known. | perate shee | t(s) providing th | ne complete | structures of suc | ch components, so far as |
| 9. Impurities - If greater than 0.1% by weight, to | o the extent | known: | | | |
| | P | ercent by Weig | nt | | |
| Names of Impurities | Highest | Lowest | Average | M | ethod of Analysis |
| | | | | | |
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| | | | | | |
| | | | | | |

| | O. Do you know of any analytical techniques that can be used to detect the presence of this fuel additive and/or measure its concentration in gasoline and/or diesel fuel? | | | | | | | | |
|--|---|---|---|---------------------------------|--|--|--|--|--|
| □ No □ | ☐ No ☐ Yes If "Yes," attach separate sheet(s) providing the information. | | | | | | | | |
| between this fuel additive when use other public health or | . Do you have any information developed by or for you concerning the mechanisms of action of this fuel additive; reactions between this fuel additive and gasoline and/or diesel fuel; the identification and measurement of the emission products of this fuel additive when used in gasoline and/or diesel fuel; the effects of this fuel additive on all emissions; the toxicity and any other public health or welfare effects of the emission products of this fuel additive; and/or the effects of the emission products on the performance of emission control devices or systems? | | | | | | | | |
| □ No □ | ☐ No ☐ Yes If "Yes," attach separate sheet(s) providing summaries and a description of the test | | | | | | | | |
| 12. Is this additive a relabe | procedures used in obtaining the information. 2. Is this additive a relabel of an additive currently registered under 40 CFR section 79? | | | | | | | | |
| | | | | | | | | | |
| Name of registere | <u> </u> | | ia no manarataron | | | | | | |
| | | | | | | | | | |
| Manufacturer: | | | | | | | | | |
| | | | | | | | | | |
| 13. Annual Production - W | hat is the estimated annu | al volume, in gallons, | of this additive during the t | third year of production? | | | | | |
| | | | Г — — — — — — — — — — — — — — — — — — — | | | | | | |
| Bulk: | | Afterma | ket: | | | | | | |
| | | | | oduction, enter the percent of | | | | | |
| sales by Petroleum Ac | | District (PADD) for th | e bulk additive volume and | I the percent of sales for each | | | | | |
| Bulk: | F | , , | | | | | | | |
| PADD1 | PADD2 | PADD3 | PADD4 | PADD5 | | | | | |
| Aftermarket: | | | | ALC | | | | | |
| CT | IL IN | AL | CO | AK | | | | | |
| DE | IN | AR | ID MT | AZ | | | | | |
| DC | IA | LA | MT UT | CA | | | | | |
| FL GA | KS KY | MS NM | WY | HI NV | | | | | |
| ME | MI | † | VVT | OR | | | | | |
| | | TX | | | | | | | |
| MD | MN | - | | WA | | | | | |
| MA | MO | - | | | | | | | |
| NY | NE | _ | | | | | | | |
| NH | ND | _ | | | | | | | |
| | NJ OH | | | | | | | | |
| NC | | | | | | | | | |
| PA | SD | | | | | | | | |
| RI | TN | _ | | | | | | | |
| SC | SC WI | | | | | | | | |
| VT | | | | | | | | | |
| VA | VA | | | | | | | | |
| WV | | | | | | | | | |

| If you answered "yes" to item 12, skip to item 19. | | | | | | | | | |
|--|---|-----------------|--|--|--|--|--|--|--|
| 15. | 15. Is this fuel additive derived only from conventional petroleum, heavy 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 nonbaseline additive whose average of the previous three years annual sales revenue is less than \$50 million is exempt from the Tier 1 and Tier 2 health-effects testing requirements. A manufacturer of an atypical additive whose average of the previous three years annual sales revenue is less than \$10 million is exempt from the Tier 2 requirements. If you believe that you qualify for an exemption, enter below your sales revenue for each of the previous three years and the average. | | | | | | | | |
| | (Note: In cases where subsidiary, divisional, or other complex business arrangements exist, the business entity to which this sales level pertains is the parent company with ultimate ownership. The "ultimate" parent is defined as the uppermost headquarters or topmost company encompassing all related parents, subsidiaries, divisions, branches, or other operating units. This definition follows that used by the Small Business Administration. It also helps to ensure that a company will not subdivide merely to become eligible for an exemption.) | | | | | | | | |
| | 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 named in Item 2? | | | | | | | | |
| | ☐ Yes ☐ No If "No," complete | | | | | | | | |
| | Name of the parent company with ultim | nate ownership: | | | | | | | |
| | | | | | | | | | |
| | Address: | | | | | | | | |
| | | | | | | | | | |
| | Contact Name: | Phone: | | | | | | | |
| | Title: | Email: | | | | | | | |
| 47 | | | | | | | | | |
| 17. | 7. Aerosol - Is this an aerosol additive? | | | | | | | | |
| | | | | | | | | | |
| | If "Yes," do you claim applicability of the special provisions for aerosol additives at 40 CFR 79.58(e)? | | | | | | | | |
| | ☐ No ☐ Yes If "Yes," attach the information required for an aerosol additive and skip to item 19. | | | | | | | | |

| 18. | Grouping Information - Pursuant to 40 CFR section 79.56. If you do not qualify for an aerosol or Tier 1 and Tier 2 small business exemption, you must be a member of a testing group appropriate for your fuel additive or supply the appropriate health-effects test information. | | | | | | | small priate | | | |
|-----|--|---|--------------------|--------------|---------------------|------------------------|----------------------------------|----------------------------|--------------------|-------------------|-------------------|
| | This additive is cov | ered by the following | ng testing grou | ıp: | | | | | | | |
| | Group description | n: | | | | | | | | | |
| | Organizing entity | r: | | | | | | | | | |
| | Contact person | : | | | | | | | | | |
| | Telephone | ÷: | | | | | | | | _ | |
| | Address | | | | | | | | | <u> </u> | |
| | OR | • | | | | | | | | | I |
| | I have attached the | appropriate inform | nation. | | | | | | | | |
| | ☐ Yes ☐ N | No If "No," attach | n an explanatio | n. | | | | | | | |
| 19. | Confidential Business I information may be ma to 40 CFR 2. | ide available to the | e public without | further noti | nfidenti ce. All | iality cla question | im for certain ns of confider | items. If ntiality will | no claim be han | is mad dled pu | le, the rsuant |
| | Do you wish to as | sert a claim of cont Yes If "Yes," inc | fidentiality for a | | sh itam | helow: | | | | | |
| | | Yes No | Item 10: | ☐ Yes | | No No | Item 14: | ☐ Ye | s \square | No | |
| | Item 7: | Yes 🗆 No | Item 11: | ☐ Yes | | No | Item 15: | ☐ Ye | s \square | No | |
| | Item 8: | Yes 🗆 No | Item 12: | ☐ Yes | | No | Item 16: | ☐ Ye | s \square | No | |
| | Item 9: | Yes 🗆 No | Item 13: | ☐ Yes | | No | | | | | |
| 20. | Attachments - Are attachments | chments included v | with this notifica | ation? | | | | | | | |
| | □ No □ \ | Yes If "Yes," list be | elow: | | | | | | | | |
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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 in writing if certain information in this notification were to change.

| This fuel additive manufacturer will not represent communication, or any written, oral, or pictorial television, that registration of this fuel additive of the United States. | I notice or other announcement is an | y publication or by radio or |
|---|---|------------------------------|
| Signature: | | |
| Date: | | |
| Name of Signer (print): | Title: | |
| Telephone: | Fax: | - |
| E-mail: | | |
| nments: | | |
| I the complete Manne to | Landa accestant | ▽ |
| I the completed form to: S. Environmental Protection Agency th: Fuel Additive Registration/Suite L-103 ail Code - 6406J 00 Pennsylvania Avenue, NW ashington, DC 20460-0001 elephone (202) 564-9754 ax (202) 565-2153 nail: caldwell.jim@epa.gov, fernandes.joseph@epa.gov | or, via courier: U.S. Environmental Protection A, Attn: Fuel Additive Registration/S Mail Code - 6406J 501 Third Street, NW Washington, DC 20001 | |
| is office is operated by a contractor for the EPA. | | |