

# FTA Product Codes

**FTA Motor Fuel Tax Section Uniformity Committee  
Product Codes for Uniform Forms**

**Procedures for additions/deletions/modifications**

In order to promote consistency and uniformity in the implementation of Motor Fuel Tax Reporting, the Uniformity Committee has developed a listing of FTA Product Codes to be used for the uniform report forms.

Anyone needing a product code not on this list should follow the procedures outlined below: The State Tax Administrator should submit the request to the current Forms Management Subcommittee state co-chair detailing the information using the FTA -Motor Fuel Uniformity Committee-Uniform Reporting Subcommittee Request Form for Product Code. (see next page for form) The form may be submitted through e-mail or regular mail. The request includes the following:

1. The name and description of the product(s).
2. Provide product characteristics. Include an explanation of the product code and why Existing product codes do not meet your needs. It is recommended a representative of your state, knowledgeable of this topic, attend the Forms Management subcommittee meeting where this will be discussed.
3. The date the product code is needed.

The current Forms Management state co-chair, upon receipt of the written request, shall take the following actions:

1. Review the most current listing of FTA product codes to determine if the requested product code already exists. If a new number is needed, the Forms Management state co-chair will assign the new product code.
2. Distribute copies to Forms Management Subcommittee members for review and discussion.
3. Place the proposed addition/deletion/modification on the agenda of the next Uniformity Committee Meeting for formal adoption. It is highly recommended that the requestor be present for any discussion regarding the adoption of the requested product code.
4. If the proposed addition/deletion/modification is adopted, revise the FTA Product Code List.
5. If the proposed addition/deletion/modification is not approved, inform the requesting administrator of the reasons for the rejection and the proper product code number to be used.

If a product code must be assigned before the above mentioned approval process can be completed, the state co-chair person may assign a product code number temporarily. This product code number will be reviewed for adoption at the next Forms Management meeting. To receive a product code number before the next Uniformity Meeting, follow these steps:

1. Complete the FTA-Motor Fuel Uniformity Committee-Uniform Reporting Subcommittee Request Form for Product Code.
2. Submit the request to the Forms Management Subcommittee state co-chair.
3. The Forms Management Subcommittee state co-chair will evaluate the request and respond to the requestor within one week of the receipt of the request.

**FTA Motor Fuel Uniformity Committee  
Uniform Reporting Subcommittee  
Request Form for Product Code**

Date Requested: \_\_\_\_\_

Name of Product: \_\_\_\_\_

Description of Product: \_\_\_\_\_

**Product Characteristics:** Mark all that pertain to product.

<u>Characteristic</u>	<u>Value</u>
Cetane/octane 4	_____
Oxygenated/rbob type 5	_____
Oxygenate percent % v 6	_____
Additized 7	_____
Rvp percentage 8	_____
Regulatory oxy % 9	_____
Voc 10	_____
Fungible/serge (f/s) 11	_____
Dyes 12	_____
Sulfur content 13	_____
Am	_____
M1	_____
M2	_____
M4	_____
M5	_____
M6	_____
M7	_____
M8	_____
M9	_____
M10	_____
M11	_____
M12	_____

Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Contact Name: \_\_\_\_\_

Contact Phone: \_\_\_\_\_

Contact Fax: \_\_\_\_\_

Uniform Forms Co Chairs

State: \_\_\_\_\_

Date Issued: \_\_\_\_\_

State Co Chair Phone: \_\_\_\_\_

Product Code Approved: \_\_\_\_\_

Industry: \_\_\_\_\_

Industry co chair Phone: \_\_\_\_\_

### Product Characteristics Definitions:

CETANE/OCTANE 4: The numeric value of the cetane or octane.

OXYGENATED/RBOB TYPE 5: A single alpha-numeric character indicating if the product is oxygenated and if so, with which oxygenate. Additionally, if the product is an RBOB, this field describes the type of RBOB. Acceptable values and definitions are: A=ETHANOL, B=ANY RENEWABLE OXYGENATE, E=ETHER, M=MTBE, N=NONE, O=ANY OXYGENATE, R=ETBE(ANY RENEWABLE), S=REFINER SPECIFIED, T=TAME.

OXYGENATE PERCENT % V 6: Percent of oxygenate (type chosen in field 5) volume.

ADDITIZED 7: A single alpha-numeric character indicating if the product is additized and if so, with what. Acceptable values and definitions are: Y=ADDITIZED TYPE NOT DETERMINED, P=ADDITIZED WITH PROPRIETARY ADDITIVE (additive would be proprietary if it is the proprietary additive of the final seller of the product.), G=ADDITIZED WITH GENERIC ADDITIVE, N=NOT ADDITIZED.

RVP PERCENTAGE 8: Reid Vapor Pressure Percentage.

REGULATORY OXY % 9: Numeric value of the Regulatory Oxy Percentage.

VOC 10: A single alpha-numeric character indicating whether the product is controlled by a Volatile Organic Compound Region and if so which one. Acceptable values are: 1=Region 1, 2=Region 2, N=Not VOC Controlled.

FUNGIBLE/SEGREG (F/S) 11: A single alpha-numeric character indicating whether the product is fungible or segregated. Acceptable values are: F=Fungible, S=Segregated.

DYES 12: A single alpha-numeric character indicating if the product contains a dye. Acceptable values are: Y=Yes, N=No.

SULPHUR CONTENT 13: A numeric indication of the sulfur content of the product. (If the sulfur content is .06 % or higher, the product is considered to be a high sulfur product. If the sulfur content is .05 % or lower, the product is considered to be a low sulfur product.)

COMMENTS 14: Various additional information about the product.

Additive message (**AM**) indicators are in the AM (additive message) field of the Petroleum Feedstocks And Refined Product Code database. Message indicators for the AM field are 1 through 6:

1	Base gasoline - not for sale to the ultimate customer
2	Detergent
3	Detergent additized gasoline
4	Specifically name detergent - additized oxygenate
5	Detergent - additized gasoline blending stock
6	Base gasoline - no additive

Indicators for the following EPA message fields will be set to "Y" if the message applies to the product:

M1	"Reformulated gasoline meets max 1.3 vol % benzene, min 1.5 wt % oxygen, max 2.7 wt % oxygen"
M2	"Reformulated gasoline meets max 1.3 vol % benzene, min 1.5 wt % oxygen, max 3.5 wt % oxygen"
	Exception to the "min 1.5 wt % oxygen" in M1 & M2 are the following areas which are "min 1.6 wt % oxygen" (The boundaries of the covered areas are described in detail in 40 CFR. 80.70):
1.	Philadelphia-Wilmington-Trenton area
2.	Baltimore, MD area
3.	Houston-Galveston-Brazoria, TX area
4.	The Atlantic City, NJ area comprised of Atlantic County, Cape May County
5.	The Dallas-Fort Worth, TX area comprised of Collin County, Dallas County, Denton County, Tarrant County
6.	Norfolk-Virginia Beach-Newport News (Hampton Roads), VA area composed of Chesapeake, Hampton, James City County, Newport News, Norfolk, Poquoson, Suffolk, Virginia Beach, Williamsburg, York County
7.	Richmond, VA area comprised of Charles City County, Chesterfield County, Colonial Heights, Hanover County, Henrico County, Hopewell, Richmond
8.	Washington D.C. area comprised of The District of Columbia, Calvert County MD, Charles County MD, Frederick County MD, Montgomery County MD, Prince Georges County MD, Alexandria VA, Arlington County VA, Fairfax VA, Fairfax County VA, Falls Church VA, Loudon County VA, Manassas VA, Manassas Park VA, Prince William County VA, Stafford County VA
M4	"VOC-Controlled for Region 1, suitable for Region 2, meets VOC reduction minimum of 25.0%."
M5	"VOC-Controlled for Region 2, meets VOC reduction minimum of 23.4%."
M6	"Not VOC-Controlled"
M7	"Oxy Fuels Program RFG" (Message may not be needed after 12/31/97.)
M8	"Not Oxy Fuels Program RFG" (Message may not be needed after 12/31/97.)
M9	"Conventional Gasoline - this product does not meet the requirements for reformulated gasoline and may not be used in any reformulated area". May contain ethers.
M10	"Reformulated gasoline blendstock, meets maximum 1.3 wt% benzene; cannot be combined with RFG or with any other RBOB except other RBOB having the same requirements for oxygenate types and amounts"
M11	"Blend RBOB with any oxygenate to 2.0 wt % and 5.7 vol % oxygen content"
M12	"Blend RBOB with ether only oxygenate to 2.0 wt % and 10.8 vol % oxygen content"
ATLANTA GEORGIA GASOLINE MESSAGE: (Eff: 5/1/99)	
If product is delivered into any of the following Georgia counties, this message applies: <b>"ATLANTA GA GASOLINE: MEETS 150 PPM AVERAGE SULPHUR AT THE REFINERY OF ORIGIN".</b>	

<b>County</b>	<b>State/Cty Code</b>	<b>County</b>	<b>State/Cty Code</b>
Gwinnett	10007	Hall	10009
Haralson	10011	Henry	10015
Jackson	10018	Newton	10047
Paulding	10050	Pickens	10052
Rockdale	10062	Spaulding	10066
Walton	10087	Fulton	60000
De Kalb	60002	Barrow	60026
Bartow	60027	Butts	60037
Carrol	60041	Cherokee	60047
Clayton	60051	Cobb	60053
Coweta	60058	Dawson	60062
Douglas	60067	Fayette	60075
Forsyth	60077		
<p>Effective September 1, 1999 the following new regulatory message applies to all California (state-wide) motor gasoline invoices and bills of lading:</p> <p>"THIS GASOLINE CONTAINS 0.6 PERCENT BY VOLUME OR MORE MTBE"</p> <p>Effective December 1, 1999, the following new regulatory message applies to all California (state-wide) motor gasoline invoices and bills of lading (replacing the message above):</p> <p>"THIS GASOLINE CONTAINS 0.6 PERCENT OR MORE BY VOLUME MTBE"</p>			

**Uniform Forms  
FTA Product Codes**

FTA Motor Fuel Tax Section Uniformity and the Canadian Fuel Tax Council have adopted the following codes for the product codes to be used on the Uniform Forms. If a product code is not listed, see the FTA Motor Fuels Uniformity Manual.

<b>Product</b>	<b>Code</b>
<b>Alcohol</b> -----	<b>123</b>
Ethanol (100%).....	E00
(Percentage of ethanol) .....	E01-E99
<b>Gasohol Ethanol Blend (Rollup Code)</b> .....	<b>124</b>
Methanol (100%) .....	M00
(Percentage of methanol) .....	M01-M99
 Asphalt-----	 <b>188</b>
 Aviation Gasoline-----	 <b>125</b>
 <b>Blending Components</b> -----	 <b>122</b>
Additive Miscellaneous .....	090
Benzene .....	248
Butane, including butane-propane mix.....	055
Butylene .....	198
ETBE.....	249
Ethane.....	052
Ethylene .....	196
Isobutane .....	058
MTBE .....	093
Methane .....	265
Naphthas.....	126
Pentanes, including isopentanes .....	059
Propylene .....	075
Raffinates .....	223
TAME .....	121
Toluene .....	199
Waste Oil.....	091
Xylene .....	076
 <b>Biodiesel – Undyed</b> .....	 <b>170</b>
Biodiesel - Undyed (100%).....	B00
(Percentage of biodiesel-undyed) .....	B01-B99
 <b>Biodiesel – Dyed</b> .....	 <b>171</b>
Biodiesel - Dyed (100%).....	D00
(Percentage of biodiesel-dyed) .....	D01-D99

<b>Product</b>	<b>Code</b>
Compressed Natural Gas (CNG).....	<b>224</b>
Crude Oil -----	<b>001</b>
<b>Diesel Fuel – Dyed .....</b>	<b>228</b>
High Sulfur Diesel – Dyed.....	226
Low Sulfur Diesel – Dyed .....	227
No 1 Diesel – Dyed.....	231
Diesel Fuel #4 – Dyed .....	153
<b>Diesel Fuel – Undyed -----</b>	<b>160</b>
Low Sulfur diesel #1 – Undyed .....	161
Low Sulfur Diesel #2 – Undyed.....	167
No. 1 Fuel Oil – Undyed .....	150
Diesel Fuel #4 – Undyed .....	154
#1 High Sulfur Diesel – Undyed.....	282
#2 High Sulfur Diesel – Undyed.....	283
Excluded Liquid (Mineral Oil)-----	<b>077</b>
<b>Gasoline -----</b>	<b>065</b>
Gasoline MTBE .....	071
Heating Oil -----	<b>152</b>
Hydrogen-----	<b>259</b>
Jet Fuel -----	<b>130</b>
<b>Kerosene – Undyed -----</b>	<b>142</b>
Low Sulfur Kerosene – Undyed .....	145
High Sulfur Kerosene – Undyed .....	147
<b>Kerosene – Dyed-----</b>	<b>072</b>
Low Sulfur Kerosene – Dyed .....	073
High Sulfur Kerosene – Dyed .....	074
Liquid Natural Gas (LNG) -----	<b>225</b>
Marine Gas Oil-----	<b>280</b>
Marine Diesel Oil -----	<b>279</b>
Mineral Oils-----	<b>281</b>
Natural Gasoline-----	<b>061</b>
Organic Oils -----	<b>960</b>

<b>Product</b>	<b>Code</b>
Propane -----	<b>054</b>
Residual Fuel Oil -----	<b>175</b>
Soy Oil -----	<b>285</b>
Transmix -----	<b>100</b>
Undefined Products-----	<b>092</b>



**Uniform Forms**  
**COMPARISON OF STCC (Standard Transportation Commodity**  
**Classification) PRODUCT CODES**  
**TO FTA Product Codes**

**NOTE: This comparison is for information purposes only.**

<b>Product</b>	<b>FTA Code</b>	<b>STCC Code</b>
<b>Alcohol</b> .....	123 -----	28 184 45
Ethanol (100%).....	E00	
(Percentage of ethanol) .....	E01-E99	
<b>Gasohol</b> .....	124 -----	29 111 50
Methanol		
Methanol (100%) .....	M00	
(Percentage of methanol) .....	M01-M99	
<b>Blending Components</b> .....	122	
Asphalt .....	188 -----	29 522 20
Aviation Gasoline.....	125 -----	29 111 51
Benzene .....	248 -----	29 119 10
Butane, including butane-propane mix.....	055 -----	29 121 81
Butylene .....	198 -----	29 121 81
ETBE .....	249	
Ethane .....	052 -----	29 121 20
Ethylene .....	196 -----	29 121 20
Isobutane .....	058 -----	29 121 12
MTBE .....	093 -----	28 182 71
Methane .....	265	
Napthas.....	126 -----	29 112 82
Pentanes, including isopentanes .....	059 -----	29 112 25
Propylene .....	075 -----	29 121 28
Raffinates .....	223	
TAME .....	121	
Toluene .....	199 -----	28 141 67
Waste Oil.....	091	
Xylene .....	076 -----	28 141 70
<b>Biodiesel – Undyed</b> .....	170 -----	28 994 16
Biodiesel - Undyed (100%).....	B00	
(Percentage of biodiesel-undyed) .....	B01-B99	
<b>Biodiesel – Dyed</b> .....	171 -----	28 994 16
Biodiesel - Dyed (100%).....	D00	
(Percentage of biodiesel-dyed).....	D01-D99	

<b>Product</b>	<b>FTA Code</b>	<b>STCC Code</b>
Compressed Natural Gas (CNG).....	224 -----	28 994 16
Crude Oil.....	001	
<b>Diesel Fuel – Dyed</b> .....	228 -----	29 113 26
High Sulfur Diesel – Dyed.....	226	
Low Sulfur Diesel – Dyed .....	227	
No 1 Diesel – Dyed.....	231 -----	29 113 26
No 2 Diesel – Dyed.....	N/A -----	29 113 27
No 4 Diesel – Dyed.....	153 -----	29 113 29
No 5 Diesel – Dyed.....	N/A -----	29 117 20
Fuel Oil Bunker “C” .....	N/A -----	29 117 17
<b>Diesel Fuel – Undyed</b> .....	160	
Low Sulfur diesel #1 – Undyed .....	161	
Low Sulfur Diesel #2 – Undyed.....	167	
No. 1 Fuel Oil – Undyed .....	150 -----	29 113 26
Diesel Fuel #4 – Undyed .....	154 -----	29 113 29
#1 High Sulfur Diesel – Undyed.....	282 -----	29 113 26
#2 High Sulfur Diesel – Undyed.....	283 -----	29 113 27
Mineral Oil.....	077 -----	29 114 25
<b>Gasoline</b> .....	065 -----	29 119 90
Gasoline MTBE .....	071	
Heating Oil .....	152 -----	29 113 30
Hydrogen .....	259 -----	28 134 60
Jet Fuel.....	130 -----	29 111 30
<b>Kerosene – Undyed</b> .....	142 -----	29 112 31 29 112 25
Low Sulfur Kerosene – Undyed .....	145	
High Sulfur Kerosene – Undyed .....	147	
<b>Kerosene – Dyed</b> .....	072 -----	29 112 31 29 112 25
Low Sulfur Kerosene – Dyed .....	073	
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Liquid Natural Gas (LNG).....	225	
Marine Gas Oil .....	280	
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<b>Product</b>	<b>FTA Code</b>	<b>STCC Code</b>
Mineral Oils .....	281	
Natural Gasoline .....	061	----- 13 211 10
Organic Oils .....	960	
Propane .....	054	----- 29 121 11
Residual Fuel Oil.....	175	----- 29 117 15
Soy Oil .....	285	----- 20 921 10
Transmix .....	100	
Undefined Products.....	092	

