

**Schedule 1  
(Form 8849)**

(Rev. August 2016)  
Department of the Treasury  
Internal Revenue Service

**Nontaxable Use of Fuels**

▶ **Attach to Form 8849.**  
▶ **See instructions.**

OMB No. 1545-1420

|                            |            |                                       |
|----------------------------|------------|---------------------------------------|
| Name as shown on Form 8849 | EIN or SSN | Total refund (see instructions)<br>\$ |
|----------------------------|------------|---------------------------------------|

**Caution:** Claimant has the name and address of the person who sold the fuel to the claimant and the dates of purchase. For claims on lines 1a and 2b (types of use 13 and 14), 3d, 4c, and 5, claimant has not waived the right to make the claim. For claims on lines 1a and 2b (types of use 13 and 14), claimant certifies that a certificate has not been provided to the credit card issuer.

**Period of claim:** Enter month, day, and year in *MMDDYYYY* format.

|  | From ▶ | To ▶ | (a) Type of use | (b) Rate | (c) Gallons | (d) Amount of refund<br><i>Multiply col. (b) by col. (c)</i> | (e)<br><b>CRN</b> |
|--|--------|------|-----------------|----------|-------------|--|-------------------|
| <b>1 Nontaxable Use of Gasoline</b>          |        |      |                 |          |             |  |                   |
| a Gasoline (see <b>Caution</b> above line 1) |        |      |                 | \$ .183  |             | \$   | 362               |
| b Exported                                   |        |      |                 | .184     |             |  | 411               |

|  |  |  |  |        |  |    |     |
|--|--|--|--|--------|--|----|-----|
| <b>2 Nontaxable Use of Aviation Gasoline</b>             |  |  |  |        |  |    |     |
| a Use in commercial aviation (other than foreign trade)  |  |  |  | \$ .15 |  | \$ | 354 |
| b Other nontaxable use (see <b>Caution</b> above line 1) |  |  |  | .193   |  |    | 324 |
| c Exported   |  |  |  | .194   |  |    | 412 |
| d LUST tax on aviation fuels used in foreign trade       |  |  |  | .001   |  |    | 433 |

|   |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|
| <b>3 Nontaxable Use of Undyed Diesel Fuel</b>   |  |  |  |  |  |  |  |
| Claimant certifies that the diesel fuel did not contain visible evidence of dye.  |  |  |  |  |  |  |  |
| <b>Exception.</b> If any of the diesel fuel included in this claim <b>did</b> contain visible evidence of dye, attach a detailed explanation and check here <span style="float:right">▶ <input type="checkbox"/></span> |  |  |  |  |  |  |  |

|  | (a) Type of use | (b) Rate | (c) Gallons | (d) Amount of refund<br><i>Multiply col. (b) by col. (c)</i> | (e)<br><b>CRN</b> |
|--|-----------------|----------|-------------|--|-------------------|
| a Nontaxable use   |                 | \$ .243  |             | \$   | 360               |
| b Use on a farm for farming purposes   |                 | .243     |             |  |                   |
| c Use in trains  |                 | .243     |             |  | 353               |
| d Use in certain intercity and local buses (see <b>Caution</b> above line 1) |                 | .17      |             |  | 350               |
| e Exported   |                 | .244     |             |  | 413               |

|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
| <b>4 Nontaxable Use of Undyed Kerosene (Other Than Kerosene Used in Aviation)</b>  |  |  |  |  |  |  |  |
| Claimant certifies that the kerosene did not contain visible evidence of dye.  |  |  |  |  |  |  |  |
| <b>Exception.</b> If any of the kerosene included in this claim <b>did</b> contain visible evidence of dye, attach a detailed explanation and check here <span style="float:right">▶ <input type="checkbox"/></span> |  |  |  |  |  |  |  |

**Caution:** Claims cannot be made on line 4 for kerosene sales from a blocked pump. Only registered ultimate vendors may make those claims using Schedule 2.

|  | (a) Type of use | (b) Rate | (c) Gallons | (d) Amount of refund<br><i>Multiply col. (b) by col. (c)</i> | (e)<br><b>CRN</b> |
|--|-----------------|----------|-------------|--|-------------------|
| a Nontaxable use taxed at \$.244   |                 | \$ .243  |             | \$   | 346               |
| b Use on a farm for farming purposes   |                 | .243     |             |  |                   |
| c Use in certain intercity and local buses (see <b>Caution</b> above line 1) |                 | .17      |             |  | 347               |
| d Exported   |                 | .244     |             |  | 414               |
| e Nontaxable use taxed at \$.044   |                 | .043     |             |  | 377               |
| f Nontaxable use taxed at \$.219   |                 | .218     |             |  | 369               |

|   |  |      |  |    |  |     |  |
|---|--|------|--|----|--|-----|--|
| <b>5 Kerosene Used in Aviation (see <b>Caution</b> above line 1)</b>              |  |      |  |    |  |     |  |
| a Kerosene used in commercial aviation (other than foreign trade) taxed at \$.244 |  | .200 |  | \$ |  | 417 |  |
| b Kerosene used in commercial aviation (other than foreign trade) taxed at \$.219 |  | .175 |  |    |  | 355 |  |
| c Nontaxable use (other than use by state or local government) taxed at \$.244    |  | .243 |  |    |  | 346 |  |
| d Nontaxable use (other than by state or local government) taxed at \$.219        |  | .218 |  |    |  | 369 |  |
| e LUST tax on aviation fuels used in foreign trade                                |  | .001 |  |    |  | 433 |  |

**6 Nontaxable Use of Alternative Fuel****Caution:** There is a reduced credit rate for use in certain intercity and local buses (type of use 5). See page 4 for the credit rate.

|   | (a) Type of use  | (b) Rate | (c) Gallons, or gasoline or diesel gallon equivalents | (d) Amount of refund<br><i>Multiply col. (b) by col. (c)</i> | (e) CRN |
|---|--|----------|---|--|---------|
| a | Liquefied petroleum gas (LPG) (see instructions)               | \$ .183  |   | \$   | 419     |
| b | "P Series" fuels   | .183     |   |  | 420     |
| c | Compressed natural gas (CNG) (see instructions)                | .183     |   |  | 421     |
| d | Liquefied hydrogen   | .183     |   |  | 422     |
| e | Fischer-Tropsch process liquid fuel from coal (including peat) | .243     |   |  | 423     |
| f | Liquid fuel derived from biomass                               | .243     |   |  | 424     |
| g | Liquefied natural gas (LNG) (see instructions)                 | .243     |   |  | 425     |
| h | Liquefied gas derived from biomass                             | .183     |   |  | 435     |

**7 Nontaxable Use of a Diesel-Water Fuel Emulsion****Caution:** There is a reduced credit rate for use in certain intercity and local buses (type of use 5). See page 4 for the credit rate.

|   | (a) Type of use | (b) Rate | (c) Gallons | (d) Amount of refund<br><i>Multiply col. (b) by col. (c)</i> | (e) CRN |
|---|-----------------|----------|-------------|--|---------|
| a | Nontaxable use  | \$ .197  |             | \$   | 309     |
| b | Exported        | .198     |             |  | 306     |

**8 Exported Dyed Fuels and Gasoline Blendstocks**

|   | (a) Type of use   | (b) Rate | (c) Gallons | (d) Amount of refund<br><i>Multiply col. (b) by col. (c)</i> | (e) CRN |
|---|---|----------|-------------|--|---------|
| a | Exported dyed diesel fuel and exported gasoline blendstocks taxed at \$.001 | \$ .001  |             | \$   | 415     |
| b | Exported dyed kerosene  | .001     |             |  | 416     |

## What's New

**Alternative liquid fuel and compressed natural gas (CNG) gasoline gallon equivalent (GGE) and diesel gallon equivalent (DGE).** For sales or uses of fuel after December 31, 2015, for taxation under section 4041, liquefied petroleum gas (LPG) has a GGE of 5.75 pounds or 1.353 gallons of LPG, liquefied natural gas (LNG) has a DGE of 6.06 pounds or 1.71 gallons of LNG, and CNG has a GGE of 5.66 pounds or 123.57 cubic feet of CNG. See *Line 6. Nontaxable Use of Alternative Fuel*, later.

## Reminders

The ultimate purchaser of aviation gasoline or kerosene used in foreign trade is eligible to make a claim on line 2d or 5e for the leaking underground storage tank (LUST) tax if the ultimate purchaser has not waived his or her right to make the claim by providing the registered ultimate vendor with an unexpired waiver.

## General Instructions

### Purpose of Schedule

An ultimate purchaser of certain fuels uses Schedule 1 to make a claim for refund. The fuels for which a claim can be made are listed on the form. The fuel must have been used in a nontaxable use. See *Type of Use* below and the instructions for lines 1 through 8 for more information.

### Claim Requirements

The following requirements must be met.

1. The amount claimed on Schedule 1 must be at least \$750. This amount may be met by:
  - a. Making a claim for fuel used during any quarter of a claimant's income tax year, or
  - b. Aggregating amounts from any quarters of the claimant's income tax year for which no other claim has been made.
2. The claim must be filed during the first quarter following the last quarter included in the claim. For example, a claim for the quarters consisting of July through September and October through December must be filed between January 1 and March 31.
3. Only one claim may be filed for a quarter.

**Note:** If requirements 1–3 above are not met, see *Annual Claims under Additional Information for Schedules 1, 2, and 3* in the Form 8849 instructions.

### Total Refund

Add all amounts in column **(d)** and enter the result in the total refund box at the top of the schedule.

### Type of Use

The fuel must have been used for one or more of the types of use listed in the instructions for lines 1 through 7. The nontaxable uses are listed in the Type of Use Table in the Form 8849 instructions.

**Exported taxable fuel.** The claim rates for exported taxable fuel are listed on lines 1b, 2c, 3e, 4d, 8a, and 8b. Taxpayers making a claim for exported taxable fuel must include with their records proof of exportation. Proof of exportation includes:

- A copy of the export bill of lading issued by the delivering carrier,
- A certificate by the agent or representative of the export carrier showing actual exportation of the fuel,

- A certificate of lading signed by a customs officer of the foreign country to which the fuel is exported, or
- A statement of the foreign consignee showing receipt of the fuel.

### How To File

Attach Schedule 1 to Form 8849. Mail to the IRS at the address under *Where To File* in the Form 8849 instructions.

## Specific Instructions

### Line 1. Nontaxable Use of Gasoline

**Allowable uses.** For line 1a, the gasoline must have been used during the period of claim for type of use 2, 4, 5, 7, 11, 12, 13, 14, or 15. Type of use 2 does not include any personal use or use in a motorboat. See *Types of Use 13 and 14* in the Form 8849 instructions.

For line 1b, the gasoline must have been exported during the period of claim (type of use 3). See *Exported taxable fuel*, earlier.

### Line 2. Nontaxable Use of Aviation Gasoline

**Allowable uses.** For line 2b, the aviation gasoline must have been used during the period of claim for type of use 2, 9, 10, 11, 13, 14, 15, or 16. See *Types of Use 13 and 14* in the Form 8849 instructions.

For line 2c, the aviation gasoline must have been exported during the period of claim (type of use 3). See *Exported taxable fuel*, earlier.

For line 2d, the aviation gasoline must have been used during the period of claim for type of use 9. This claim is made in addition to the claim made on line 2b for type of use 9.

### Line 3. Nontaxable Use of Undyed Diesel Fuel

**Allowable uses.** For line 3a, the diesel fuel must have been used during the period of claim for type of use 2, 6, 7, 8, 11, 12, 13, 14, or 15. Type of use 8 includes use as heating oil and use in a boat. Type of use 2 does not include any personal use or use in a motorboat. See *Types of Use 13 and 14* in the Form 8849 instructions.

For line 3e, the diesel fuel must have been exported during the period of claim (type of use 3). See *Exported taxable fuel*, earlier.

### Line 4. Nontaxable Use of Undyed Kerosene (Other Than Kerosene Used in Aviation)

**Allowable uses.** For line 4a, the kerosene must have been used during the period of claim for type of use 2, 6, 7, 8, 11, 12, 13, 14, or 15. Type of use 8 includes use as heating oil and use in a boat. Type of use 2 does not include any personal use or use in a motorboat. See *Types of Use 13 and 14* in the Form 8849 instructions.

For line 4d, the kerosene must have been exported during the period of claim (type of use 3). See *Exported taxable fuel*, earlier.

For lines 4e and 4f, the kerosene must have been used during the period of claim for type of use 2.

### Line 5. Kerosene Used in Aviation

**Claimant.** Claimant certifies that the right to make the claim has not been waived. For lines 5a and 5b, the ultimate purchaser of kerosene used in commercial aviation (other than foreign trade) is eligible to make this claim.

For lines 5c, 5d, and 5e, the ultimate purchaser of kerosene used in noncommercial aviation (except for nonexempt, noncommercial aviation and exclusive use by a state, political

subdivision of a state, or the District of Columbia) is eligible to make this claim. The ultimate purchaser certifies that the right to make this claim has not been waived.

**Allowable uses.** For lines 5a and 5b, if the claimant buys kerosene partly for use in commercial aviation and partly for use in noncommercial aviation, see the rules in Notice 2005-80, section 3(e)(3).

For lines 5c and 5d, the kerosene must have been used during the period of claim for type of use 1, 9, 10, 11, 13, 15, or 16.

For line 5e, the kerosene must have been used during the period of claim for type of use 9. This claim is made in addition to the claim made on lines 5c and 5d for type of use 9.

**Line 6. Nontaxable Use of Alternative Fuel**

**Allowable uses.** The taxed alternative fuel must have been used during the period of claim for type of use 1, 2, 4, 5, 6, 7, 11, 13, 14, or 15.

**Type of use 5.** Write "Bus" in the space to the left of column (a). Enter the correct credit rate in column (b). The credit rates for type of use 5 are listed below.

| Line number | Credit rate |
|-------------|-------------|
| 6a          | \$.109*     |
| 6b          | .110        |
| 6c          | .109**      |
| 6d          | .110        |
| 6e          | .17         |
| 6f          | .17         |
| 6g          | .169***     |
| 6h          | .110        |

(\*) This is the claim rate per GGE (5.75 pounds or 1.353 gallons of LPG)  
 (\*\*) This is the claim rate per GGE (5.66 pounds or 123.57 cubic ft. of CNG)  
 (\*\*\*) This is the claim rate per DGE (6.06 pounds or 1.71 gallons of LNG)

**Type of use 5 example.** 10,000 gallons of LPG ÷ 1.353 = 7,391 GGE x \$0.109 = \$805.62 claim amount.

**Line 7. Nontaxable Use of a Diesel-Water Fuel Emulsion**

**Allowable uses.** For line 7a, the diesel-water fuel emulsion must have been used during the period of claim for type of use 1, 2, 5, 6, 7, 8, 11, 12, 13, 14, or 15. For line 7b, the diesel-water fuel emulsion must have been exported during the period of claim (type of use 3). See *Exported taxable fuel* on page 3.

**Type of use 5.** Write "Bus" in the space to the left of column (a). Enter the correct credit rate in column (b). The credit rate for type of use 5 is \$.124 per gallon.

**Line 8. Exported Dyed Fuels and Gasoline Blendstocks**

A claim may be made for dyed diesel fuel or dyed kerosene exported in a trade or business during the period of claim. Claims for exported gasoline blendstocks taxed at \$.001 per gallon are made on line 8a. See *Exported taxable fuel* on page 3.



Claims for exported gasoline blendstocks taxed at \$.184 per gallon are made on line 1b.