

Appendix 6: List of Fuel Categories

Fuel categories used in the EFDB are based on, but not identical to, the basic fuels hierarchy presented in the *Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories, Vol.1 Reporting Instructions*, “Understanding the Common Reporting Framework”¹

Table 1 Fuel Categories

Fuel Name
LIQUID -> Crude Oil
LIQUID -> Orimulsion
LIQUID -> Natural Gas Liquids
LIQUID -> GASOLINE -> Motor Gasoline
LIQUID -> GASOLINE -> Aviation Gasoline
LIQUID -> GASOLINE -> Jet Gasoline
LIQUID -> Jet Kerosene
LIQUID -> Other Kerosene
LIQUID -> Shale Oil
LIQUID -> Diesel Oil
LIQUID -> Gas Oil
LIQUID -> Residual Fuel Oil
LIQUID -> Liquefied Petroleum Gas (LPG)
LIQUID -> Ethane
LIQUID -> Naphtha
LIQUID -> Bitumen
LIQUID -> Lubricants
LIQUID -> Petroleum Coke
LIQUID -> Refinery Feedstock
LIQUID -> Refinery Gas
LIQUID -> Paraffin Waxes
LIQUID -> White Spirit/Industrial spirits (SBP)
LIQUID -> Other Oils
SOLID -> Peat
SOLID -> Lignite/Brown Coal
SOLID -> Other Sub-Bituminous Coal
SOLID -> Anthracite
SOLID -> Coking Coal
SOLID -> Other Bituminous Coal
SOLID -> Oil Shale
SOLID -> COKE -> Coke Oven Coke
SOLID -> COKE -> Other cokes from solid fuels
SOLID -> Coal-derived tars and oils
SOLID -> BKB/PATENT FUEL -> Patent Fuel
SOLID -> BKB/PATENT FUEL -> Brown Coal Briquettes
SOLID -> DERIVED GASES -> Coke Oven Gas
SOLID -> DERIVED GASES -> Blast Furnace Gas
SOLID -> DERIVED GASES -> Gas Works Gas
SOLID -> DERIVED GASES -> Other gases and mixtures from coal-derived carbon
GAS -> Natural Gas

¹ The electronic copy is available at <http://www.ipcc-nggip.iges.or.jp/public/gl/invs4.htm>

Fuel Name
OTHER FUELS -> Municipal Solid Waste (Garbage)
OTHER FUELS -> Industrial Waste
OTHER FUELS -> Fuel mixtures (fossil and biomass) ^{a, b}
OTHER FUELS -> Waste Gas (especially chemical industry)
OTHER FUELS -> Other Wastes (specify nature) ^c
OTHER FUELS -> Hydrogen
BIOMASS -> SOLID -> Wood/Wood Waste
BIOMASS -> SOLID -> Agricultural Waste (corncoobs, straw, etc...)
BIOMASS -> SOLID -> Charcoal
BIOMASS -> SOLID -> Other solid biomass
BIOMASS -> LIQUID -> Bio-Alcohol
BIOMASS -> LIQUID -> Sulphur Lies (Black Liquor)
BIOMASS -> LIQUID -> Sewage Sludge
BIOMASS -> LIQUID -> Other liquid biomass
BIOMASS -> GAS -> Landfill Gas
BIOMASS -> GAS -> Sludge Gas (Sewage Gas)
BIOMASS -> GAS -> Other Biogas

- a) When making a data proposal for this fuel type, the data provider must specify the details concerning composition of the mixture of fuel in the “Parameters/Conditions” property field.
- b) This fuel type is meant for emission factors or other parameters for non-CO₂ gases. As regards parameters on CO₂ such as CEF (Carbon Emission Factor), it is advisable for data providers to input data on each fuels separately rather than data on the mixture of those fuels.
- c) This category includes tires, hospital/clinical waste and hazardous waste. The data provider must specify the details concerning composition of the mixture of fuel in the “Parameters/Conditions” property field.