

**Table of Partially Exempt Petroleum Process Streams**

<b>CAS No.</b>	<b>Product</b>
7732-18-5	Water
8002-05-9	Petroleum
8002-74-2	Paraffin waxes and hydrocarbon waxes
8006-20-0	Fuel gases, low and medium B.T.U.
8008-20-6	Kerosine (petroleum)
8009-03-8	Petrolatum
8012-95-1	Paraffin oils
8030-30-6	Naphtha
8032-32-4	Ligroine
8042-47-5	White mineral oil (petroleum)
8052-41-3	Stoddard solvent
8052-42-4	Asphalt
61789-60-4	Pitch
63231-60-7	Paraffin waxes and hydrocarbon waxes, microcryst.
64741-41-9	Naphtha (petroleum), heavy straight-run
64741-42-0	Naphtha (petroleum), full-range straight-run
64741-43-1	Gas oils (petroleum), straight-run
64741-44-2	Distillates (petroleum), straight-run middle
64741-45-3	Residues (petroleum), atm. tower
64741-46-4	Naphtha (petroleum), light straight-run
64741-47-5	Natural gas condensates (petroleum)
64741-49-7	Condensates (petroleum), vacuum tower
64741-50-0	Distillates (petroleum), light paraffinic
64741-51-1	Distillates (petroleum), heavy paraffinic
64741-52-2	Distillates (petroleum), light naphthenic
64741-53-3	Distillates (petroleum), heavy naphthenic
64741-54-4	Naphtha (petroleum), heavy catalytic cracked
64741-55-5	Naphtha (petroleum), light catalytic cracked
64741-56-6	Residues (petroleum), vacuum
64741-57-7	Gas oils (petroleum), heavy vacuum
64741-58-8	Gas oils (petroleum), light vacuum
64741-59-9	Distillates (petroleum), light catalytic cracked
64741-60-2	Distillates (petroleum), intermediate catalytic cracked
64741-61-3	Distillates (petroleum), heavy catalytic cracked
64741-62-4	Clarified oils (petroleum), catalytic cracked
64741-63-5	Naphtha (petroleum), light catalytic reformed
64741-64-6	Naphtha (petroleum), full-range alkylate
64741-65-7	Naphtha (petroleum), heavy alkylate
64741-66-8	Naphtha (petroleum), light alkylate
64741-67-9	Residues (petroleum), catalytic reformer fractionator
64741-68-0	Naphtha (petroleum), heavy catalytic reformed
64741-69-1	Naphtha (petroleum), light hydrocracked
64741-70-4	Naphtha (petroleum), isomerization
64741-73-7	Distillates (petroleum), alkylate
64741-74-8	Naphtha (petroleum), light thermal cracked
64741-75-9	Residues (petroleum), hydrocracked
64741-76-0	Distillates (petroleum), heavy hydrocracked
64741-77-1	Distillates (petroleum), light hydrocracked
64741-78-2	Naphtha (petroleum), heavy hydrocracked

64741-79-3	Coke (petroleum)
64741-80-6	Residues (petroleum), thermal cracked
64741-81-7	Distillates (petroleum), heavy thermal cracked
64741-82-8	Distillates (petroleum), light thermal cracked
64741-83-9	Naphtha (petroleum), heavy thermal cracked
64741-84-0	Naphtha (petroleum), solvent-refined light
64741-85-1	Raffinates (petroleum), sorption process
64741-86-2	Distillates (petroleum), sweetened middle
64741-87-3	Naphtha (petroleum), sweetened
64741-88-4	Distillates (petroleum), solvent-refined heavy paraffinic
64741-89-5	Distillates (petroleum), solvent-refined light paraffinic
64741-90-8	Gas oils (petroleum), solvent-refined
64741-91-9	Distillates (petroleum), solvent-refined middle
64741-92-0	Naphtha (petroleum), solvent-refined heavy
64741-95-3	Residual oils (petroleum), solvent deasphalted
64741-96-4	Distillates (petroleum), solvent-refined heavy naphthenic
64741-97-5	Distillates (petroleum), solvent-refined light naphthenic
64741-98-6	Extracts (petroleum), heavy naphtha solvent
64741-99-7	Extracts (petroleum), light naphtha solvent
64742-01-4	Residual oils (petroleum), solvent-refined
64742-03-6	Extracts (petroleum), light naphthenic distillate solvent
64742-04-7	Extracts (petroleum), heavy paraffinic distillate solvent
64742-05-8	Extracts (petroleum), light paraffinic distillate solvent
64742-06-9	Extracts (petroleum), middle distillate solvent
64742-07-0	Raffinates (petroleum), residual oil decarbonization
64742-08-1	Raffinates (petroleum), heavy naphthenic distillate decarbonization
64742-09-2	Raffinates (petroleum), heavy paraffinic distillate decarbonization
64742-10-5	Extracts (petroleum), residual oil solvent
64742-11-6	Extracts (petroleum), heavy naphthenic distillate solvent
64742-12-7	Gas oils (petroleum), acid-treated
64742-13-8	Distillates (petroleum), acid-treated middle
64742-14-9	Distillates (petroleum), acid-treated light
64742-15-0	Naphtha (petroleum), acid-treated
64742-16-1	Petroleum resins
64742-18-3	Distillates (petroleum), acid-treated heavy naphthenic
64742-19-4	Distillates (petroleum), acid-treated light naphthenic
64742-20-7	Distillates (petroleum), acid-treated heavy paraffinic
64742-21-8	Distillates (petroleum), acid-treated light paraffinic
64742-22-9	Naphtha (petroleum), chemically neutralized heavy
64742-23-0	Naphtha (petroleum), chemically neutralized light
64742-24-1	Sludges (petroleum), acid
64742-25-2	Lubricating oils (petroleum), acid-treated spent
64742-26-3	Hydrocarbon waxes (petroleum), acid-treated
64742-27-4	Distillates (petroleum), chemically neutralized heavy paraffinic
64742-28-5	Distillates (petroleum), chemically neutralized light paraffinic
64742-29-6	Gas oils (petroleum), chemically neutralized
64742-30-9	Distillates (petroleum), chemically neutralized middle
64742-31-0	Distillates (petroleum), chemically neutralized light
64742-32-1	Lubricating oils (petroleum), chemically neutralized spent
64742-33-2	Hydrocarbon waxes (petroleum), chemically neutralized
64742-34-3	Distillates (petroleum), chemically neutralized heavy naphthenic
64742-35-4	Distillates (petroleum), chemically neutralized light naphthenic

64742-36-5	Distillates (petroleum), clay-treated heavy paraffinic
64742-37-6	Distillates (petroleum), clay-treated light paraffinic
64742-38-7	Distillates (petroleum), clay-treated middle
64742-39-8	Neutralizing agents (petroleum), spent sodium carbonate
64742-40-1	Neutralizing agents (petroleum), spent sodium hydroxide
64742-41-2	Residual oils (petroleum), clay-treated
64742-42-3	Hydrocarbon waxes (petroleum), clay-treated microcryst.
64742-43-4	Paraffin waxes (petroleum), clay-treated
64742-44-5	Distillates (petroleum), clay-treated heavy naphthenic
64742-45-6	Distillates (petroleum), clay-treated light naphthenic
64742-46-7	Distillates (petroleum), hydrotreated middle
64742-47-8	Distillates (petroleum), hydrotreated light
64742-48-9	Naphtha (petroleum), hydrotreated heavy
64742-49-0	Naphtha (petroleum), hydrotreated light
64742-50-3	Lubricating oils (petroleum), clay-treated spent
64742-51-4	Paraffin waxes (petroleum), hydrotreated
64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic
64742-55-8	Distillates (petroleum), hydrotreated light paraffinic
64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic
64742-57-0	Residual oils (petroleum), hydrotreated
64742-58-1	Lubricating oils (petroleum), hydrotreated spent
64742-59-2	Gas oils (petroleum), hydrotreated vacuum
64742-60-5	Hydrocarbon waxes (petroleum), hydrotreated microcryst.
64742-61-6	Slack wax (petroleum)
64742-62-7	Residual oils (petroleum), solvent-dewaxed
64742-63-8	Distillates (petroleum), solvent-dewaxed heavy naphthenic
64742-64-9	Distillates (petroleum), solvent-dewaxed light naphthenic
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic
64742-67-2	Foots oil (petroleum)
64742-68-3	Naphthenic oils (petroleum), catalytic dewaxed heavy
64742-69-4	Naphthenic oils (petroleum), catalytic dewaxed light
64742-70-7	Paraffin oils (petroleum), catalytic dewaxed heavy
64742-71-8	Paraffin oils (petroleum), catalytic dewaxed light
64742-72-9	Distillates (petroleum), catalytic dewaxed middle
64742-73-0	Naphtha (petroleum), hydrodesulfurized light
64742-75-2	Naphthenic oils (petroleum), complex dewaxed heavy
64742-76-3	Naphthenic oils (petroleum), complex dewaxed light
64742-78-5	Residues (petroleum), hydrodesulfurized atmospheric tower
64742-79-6	Gas oils (petroleum), hydrodesulfurized
64742-80-9	Distillates (petroleum), hydrodesulfurized middle
64742-81-0	Kerosine (petroleum), hydrodesulfurized
64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy
64742-83-2	Naphtha (petroleum), light steam-cracked
64742-85-4	Residues (petroleum), hydrodesulfurized vacuum
64742-86-5	Gas oils (petroleum), hydrodesulfurized heavy vacuum
64742-87-6	Gas oils (petroleum), hydrodesulfurized light vacuum
64742-88-7	Solvent naphtha (petroleum), medium aliph.
64742-89-8	Solvent naphtha (petroleum), light aliph.
64742-90-1	Residues (petroleum), steam-cracked
64742-91-2	Distillates (petroleum), steam-cracked

64742-92-3	Petroleum resins, oxidized
64742-93-4	Asphalt, oxidized
64742-94-5	Solvent naphtha (petroleum), heavy arom.
64742-95-6	Solvent naphtha (petroleum), light arom.
64742-96-7	Solvent naphtha (petroleum), heavy aliph.
64742-97-8	Distillates (petroleum), oxidized heavy
64742-98-9	Distillates (petroleum), oxidized light
64742-99-0	Residual oils (petroleum), oxidized
64743-00-6	Hydrocarbon waxes (petroleum), oxidized
64743-01-7	Petrolatum (petroleum), oxidized
64743-02-8	Alkenes, C>10 .alpha.-
64743-03-9	Phenols (petroleum)
64743-04-0	Coke (petroleum), recovery
64743-05-1	Coke (petroleum), calcined
64743-06-2	Extracts (petroleum), gas oil solvent
64743-07-3	Sludges (petroleum), chemically neutralized
64754-89-8	Naphthenic acids (petroleum), crude
64771-71-7	Paraffins (petroleum), normal C>10
64771-72-8	Paraffins (petroleum), normal C5-20
67254-74-4	Naphthenic oils
67674-12-8	Residual oils (petroleum), oxidized, compounds with triethanolamine
67674-13-9	Petrolatum (petroleum), oxidized, partially deacidified
67674-15-1	Petrolatum (petroleum), oxidized, Me ester
67674-16-2	Hydrocarbon waxes (petroleum), oxidized, partially deacidified
67674-17-3	Distillates (petroleum), oxidized light, compounds with triethanolamine
67674-18-4	Distillates (petroleum), oxidized light, Bu esters
67891-79-6	Distillates (petroleum), heavy arom.
67891-80-9	Distillates (petroleum), light arom.
67891-81-0	Distillates (petroleum), oxidized light, potassium salts
67891-82-1	Hydrocarbon waxes (petroleum), oxidized, compounds with ethanolamine
67891-83-2	Hydrocarbon waxes (petroleum), oxidized, compounds with isopropanolamine
67891-85-4	Hydrocarbon waxes (petroleum), oxidized, compounds with triisopropanolamine
67891-86-5	Hydrocarbon waxes (petroleum), oxidized, compds with diisopropanolamine
68131-05-5	Hydrocarbon oils, process blends
68131-49-7	Aromatic hydrocarbons, C6-10, acid-treated, neutralized
68131-75-9	Gases (petroleum), C3-4
68153-22-0	Paraffin waxes and Hydrocarbon waxes, oxidized
68187-57-5	Pitch, coal tar-petroleum
68187-58-6	Pitch, petroleum, arom.
68187-60-0	Hydrocarbons, C4, ethane-propane-cracked
68307-98-2	Tail gas (petroleum), catalytic cracked distillate and catalytic cracked naphtha fractionation absorber
68307-99-3	Tail gas (petroleum), catalytic polymn. Naphtha fractionation stabilizer
68308-00-9	Tail gas (petroleum), catalytic reformed naphtha fractionation stabilizer, hydrogen sulfide-free

68308-01-0	Tail gas (petroleum), cracked distillate hydrotreater stripper
68308-02-1	Tail gas (petroleum), distn., hydrogen sulfide-free
68308-03-2	Tail gas (petroleum), gas oil catalytic cracking absorber
68308-04-3	Tail gas (petroleum), gas recovery plant
68308-05-4	Tail gas (petroleum), gas recovery plant deethanizer
68308-06-5	Tail gas (petroleum), hydrodesulfurized distillate and hydrodesulfurized naphtha fractionator, acid-free
68308-07-6	Tail gas (petroleum), hydrodesulfurized vacuum gas oil stripper, hydrogen sulfide-free
68308-08-7	Tail gas (petroleum), isomerized naphtha fractionation stabilizer
68308-09-8	Tail gas (petroleum), light straight-run naphtha stabilizer, hydrogen sulfide-free
68308-10-1	Tail gas (petroleum), straight-run distillate hydrodesulfurizer, hydrogen sulfide-free
68308-11-2	Tail gas (petroleum), propane-propylene alkylation feed prep deethanizer
68308-12-3	Tail gas (petroleum), vacuum gas oil hydrodesulfurizer, hydrogen sulfide-free
68308-27-0	Fuel gases, refinery
68333-22-2	Residues (petroleum), atmospheric
68333-23-3	Naphtha (petroleum), heavy coker
68333-24-4	Hydrocarbon waxes (petroleum), oxidized, compds with triethanolamine
68333-25-5	Distillates (petroleum), hydrodesulfurized light catalytic cracked
68333-26-6	Clarified oils (petroleum), hydrodesulfurized catalytic cracked
68333-27-7	Distillates (petroleum), hydrodesulfurized intermediate catalytic cracked
68333-28-8	Distillates (petroleum), hydrodesulfurized heavy catalytic cracked
68333-29-9	Residues (petroleum), light naphtha solvent extracts
68333-30-2	Distillates (petroleum), oxidized heavy thermal cracked
68333-81-3	Alkanes, C4-12
68333-88-0	Aromatic hydrocarbons, C9-17
68334-30-5	Fuels, diesel
68409-99-4	Gases (petroleum), catalytic cracked overheads
68410-00-4	Distillates (petroleum), crude oil
68410-05-9	Distillates (petroleum), straight-run light
68410-12-8	Distillates (petroleum), steam-cracked, C5-10 fraction, high-temp. stripping products with light steam-cracked petroleum naphtha C5 fraction polymers
68410-71-9	Raffinates (petroleum), catalytic reformer ethylene glycol-water countercurrent exts.
68410-96-8	Distillates (petroleum), hydrotreated middle,intermediate boiling
68410-97-9	Distillates (petroleum), light distillate hydrotreating process, low-boiling
68410-98-0	Distillates (petroleum), hydrotreated heavy naphtha, deisohexanizer overheads
68411-00-7	Alkenes, C>8
68425-29-6	Distillates (petroleum), naphtha-raffinate pyrolyzate-derived, gasoline-blending
68425-33-2	Petrolatum (petroleum), oxidized, barium salt
68425-34-3	Petrolatum (petroleum), oxidized, calcium salt
68425-35-4	Raffinates (petroleum), reformer, Lurgi unit-sepd.

68425-39-8	Alkenes, C>10 .alpha.-, oxidized
68441-09-8	Hydrocarbon waxes (petroleum), clay-treated microcryst., contg. polyethylene, oxidized
68459-78-9	Alkenes, C18-24 .alpha.-, dimers
68475-57-0	Alkanes, C1-2
68475-58-1	Alkanes, C2-3
68475-59-2	Alkanes, C3-4
68475-60-5	Alkanes, C4-5
68475-61-6	Alkenes, C5, naphtha-raffinate pyrolyzate-derived
68475-70-7	Aromatic hydrocarbons, C6-8, naphtha-raffinate pyrolyzate-derived
68475-79-6	Distillates (petroleum), catalytic reformed depentanizer
68475-80-9	Distillates (petroleum), light steam-cracked naphtha
68476-26-6	Fuel gases
68476-27-7	Fuel gases, amine system residues
68476-28-8	Fuel gases, C6-8 catalytic reformer
68476-29-9	Fuel gases, crude oil distillates
68476-30-2	Fuel oil, no. 2
68476-31-3	Fuel oil, no. 4
68476-32-4	Fuel oil, residues-straight-run gas oils, high-sulfur
68476-33-5	Fuel oil, residual
68476-34-6	Fuels, diesel, no. 2
68476-39-1	Hydrocarbons, aliph.-arom.-C4-5-olefinic
68476-40-4	Hydrocarbons, C3-4
68476-42-6	Hydrocarbons, C4-5
68476-43-7	Hydrocarbons, C4-6, C5-rich
68476-44-8	Hydrocarbons, C>3
68476-45-9	Hydrocarbons, C5-10 arom. conc., ethylene-manuf.-by-product
68476-46-0	Hydrocarbons, C3-11, catalytic cracker distillates
68476-47-1	Hydrocarbons, C2-6, C6-8 catalytic reformer
68476-49-3	Hydrocarbons, C2-4, C3-rich
68476-50-6	Hydrocarbons, C>=5, C5-6-rich
68476-52-8	Hydrocarbons, C4, ethylene-manuf.-by-product
68476-53-9	Hydrocarbons, C>=20, petroleum wastes
68476-54-0	Hydrocarbons, C3-5, polymn. unit feed
68476-55-1	Hydrocarbons, C5-rich
68476-56-2	Hydrocarbons, cyclic C5 and C6
68476-77-7	Lubricating oils, refined used
68476-81-3	Paraffin waxes and Hydrocarbon waxes, oxidized, calcium salts
68476-84-6	Petroleum products, gases, inorg.
68476-85-7	Petroleum gases, liquefied
68476-86-8	Petroleum gases, liquefied, sweetened
68477-25-8	Waste gases, vent gas, C1-6
68477-26-9	Wastes, petroleum
68477-29-2	Distillates (petroleum), catalytic reformer fractionator residue, high-boiling
68477-30-5	Distillates (petroleum), catalytic reformer fractionator residue, intermediate-boiling
68477-31-6	Distillates (petroleum), catalytic reformer fractionator residue, low-boiling
68477-33-8	Gases (petroleum), C3-4, isobutane-rich
68477-34-9	Distillates (petroleum), C3-5, 2-methyl-2-butene-rich
68477-35-0	Distillates (petroleum), C3-6, piperylene-rich

68477-36-1	Distillates (petroleum), cracked steam-cracked, C5-18 fraction
68477-38-3	Distillates (petroleum), cracked steam-cracked petroleum distillates
68477-39-4	Distillates (petroleum), cracked stripped steam-cracked petroleum distillates, C8-10 fraction
68477-40-7	Distillates (petroleum), cracked stripped steam-cracked petroleum distillates, C10-12 fraction
68477-41-8	Gases (petroleum), extractive, C3-5, butadiene-butene-rich
68477-42-9	Gases (petroleum), extractive, C3-5, butene-isobutylene-rich
68477-44-1	Distillates (petroleum), heavy naphthenic, mixed with steam-cracked petroleum distillates C5-12 fraction
68477-47-4	Distillates (petroleum), mixed heavy olefin vacuum, heart-cut
68477-48-5	Distillates (petroleum), mixed heavy olefin vacuum, low-boiling
68477-53-2	Distillates (petroleum), steam-cracked, C5-12 fraction
68477-54-3	Distillates (petroleum), steam-cracked, C8-12 fraction
68477-55-4	Distillates (petroleum), steam-cracked, C5-10 fraction, mixed with light steam-cracked petroleum naphtha C5 fraction
68477-58-7	Distillates (petroleum), steam-cracked petroleum distillates, C5-18 fraction
68477-59-8	Distillates (petroleum), steam-cracked petroleum distillates cyclopentadiene conc.
68477-60-1	Extracts (petroleum), cold-acid
68477-61-2	Extracts (petroleum), cold-acid, C4-6
68477-62-3	Extracts (petroleum), cold-acid, C3-5, butene-rich
68477-63-4	Extracts (petroleum), reformer recycle
68477-64-5	Gases (petroleum), acetylene manuf. off
68477-65-6	Gases (petroleum), amine system feed
68477-66-7	Gases (petroleum), benzene unit hydrodesulfurizer off
68477-67-8	Gases (petroleum), benzene unit recycle, hydrogen-rich
68477-68-9	Gases (petroleum), blend oil, hydrogen-nitrogen-rich
68477-69-0	Gases (petroleum), butane splitter overheads
68477-70-3	Gases (petroleum), C2-3
68477-71-4	Gases (petroleum), catalytic-cracked gas oil depropanizer bottoms, C4-rich acid-free
68477-72-5	Gases (petroleum), catalytic-cracked naphtha debutanizer bottoms, C3-5-rich
68477-73-6	Gases (petroleum), catalytic cracked naphtha depropanizer overhead, C3-rich acid-free
68477-74-7	Gases (petroleum), catalytic cracker
68477-75-8	Gases (petroleum), catalytic cracker, C1-5-rich
68477-76-9	Gases (petroleum), catalytic polymd. naphtha stabilizer overhead, C2-4-rich
68477-77-0	Gases (petroleum), catalytic reformed naphtha stripper overheads
68477-79-2	Gases (petroleum), catalytic reformer, C1-4-rich
68477-80-5	Gases (petroleum), C6-8 catalytic reformer recycle
68477-81-6	Gases (petroleum), C6-8 catalytic reformer
68477-82-7	Gases (petroleum), C6-8 catalytic reformer recycle, hydrogen-rich
68477-83-8	Gases (petroleum), C3-5 olefinic-paraffinic alkylation feed
68477-84-9	Gases (petroleum), C2-return stream
68477-85-0	Gases (petroleum), C4-rich
68477-86-1	Gases (petroleum), deethanizer overheads
68477-87-2	Gases (petroleum), deisobutanizer tower overheads

68477-88-3	Gases (petroleum), deethanizer overheads, C3-rich
68477-89-4	Distillates (petroleum), depentanizer overheads
68477-90-7	Gases (petroleum), depropanizer dry, propene-rich
68477-91-8	Gases (petroleum), depropanizer overheads
68477-92-9	Gases (petroleum), dry sour, gas-concn.-unit-off
68477-93-0	Gases (petroleum), gas concn. reabsorber distn.
68477-94-1	Gases (petroleum), gas recovery plant depropanizer overheads
68477-95-2	Gases (petroleum), Girbatol unit feed
68477-96-3	Gases (petroleum), hydrogen absorber off
68477-97-4	Gases (petroleum), hydrogen-rich
68477-98-5	Gases (petroleum), hydrotreater blend oil recycle, hydrogen-nitrogen rich
68477-99-6	Gases (petroleum), isomerized naphtha fractionater, C4-rich, hydrogen sulfide- free
68478-00-2	Gases (petroleum), recycle, hydrogen-rich
68478-01-3	Gases (petroleum), reformer make-up, hydrogen-rich
68478-02-4	Gases (petroleum), reforming hydrotreater
68478-03-5	Gases (petroleum), reforming hydrotreater, hydrogen-methane-rich
68478-04-6	Gases (petroleum), reforming hydrotreater make-up,hydrogen-rich
68478-05-7	Gases (petroleum), thermal cracking distn.
68478-08-0	Naphtha (petroleum), light steam-cracked, C5-fraction, oligomer conc.
68478-10-4	Naphtha (petroleum), light steam-cracked, debenzenized, C8-16-cycloalkadiene conc.
68478-12-6	Residues (petroleum), butane splitter bottoms
68478-13-7	Residues (petroleum), catalytic reformer fractionator residue distn.
68478-15-9	Residues (petroleum), C6-8 catalytic reformer
68478-16-0	Residual oils (petroleum), deisobutanizer tower
68478-17-1	Residues (petroleum), heavy coker gas oil and vacuum gas oil
68478-18-2	Residues (petroleum), heavy olefin vacuum
68478-19-3	Residual oils (petroleum), propene purifn. splitter
68478-20-6	Residues (petroleum), steam-cracked petroleum distillates cyclopentadiene conc., C4-cyclopentadiene- free
68478-22-8	Tail gas (petroleum), catalytic cracked naphtha stabilization absorber
68478-24-0	Tail gas (petroleum), catalytic cracker, catalytic reformer and hydrodesulfurizer combined fractionater
68478-25-1	Tail gas (petroleum), catalytic cracker refractionation absorber
68478-26-2	Tail gas (petroleum), catalytic reformed naphtha fractionation stabilizer
68478-27-3	Tail gas (petroleum), catalytic reformed naphtha separator
68478-28-4	Tail gas (petroleum), catalytic reformed naphtha stabilizer
68478-29-5	Tail gas (petroleum), cracked distillate hydrotreater separator
68478-30-8	Tail gas (petroleum), hydrodesulfurized straight-run naphtha separator
68478-31-9	Tail gas (petroleum), isomerized naphtha fractionates, hydrogen sulfide-free
68478-32-0	Tail gas (petroleum), saturate gas plant mixed stream,C4-rich
68478-33-1	Tail gas (petroleum), saturate gas recovery plant, C1-2-rich
68478-34-2	Tail gas (petroleum), vacuum residues thermal cracker
68512-61-8	Residues (petroleum), heavy coker and light vacuum
68512-62-9	Residues (petroleum), light vacuum

68512-78-7	Solvent naphtha (petroleum), light arom., hydrotreated
68512-91-4	Hydrocarbons, C3-4-rich, petroleum distillates
68513-02-0	Naphtha (petroleum), full-range coker
68513-03-1	Naphtha (petroleum), light catalytic reformed, arom.-free
68513-11-1	Fuel gases, hydrotreater fractionation, scrubbed
68513-12-2	Fuel gases, saturate gas unit fractionater-absorber overheads
68513-13-3	Fuel gases, thermal cracked catalytic cracking residue
68513-14-4	Gases (petroleum), catalytic reformed straight-run naphtha stabilizer overheads
68513-15-5	Gases (petroleum), full-range straight-run naphtha dehexanizer off
68513-16-6	Gases (petroleum), hydrocracking depropanizer off, hydrocarbon-rich
68513-17-7	Gases (petroleum), light straight-run naphtha stabilizer off
68513-18-8	Gases (petroleum), reformer effluent high-pressure flash drum off
68513-19-9	Gases (petroleum), reformer effluent low-pressure flash drum off
68513-62-2	Disulfides, C5-12-alkyl
68513-63-3	Distillates (petroleum), catalytic reformed straight-run naphtha overheads
68513-65-5	Butane, branched and linear
68513-66-6	Residues (petroleum), alkylation splitter, C4-rich
68513-67-7	Residues (petroleum), cyclooctadiene bottoms
68513-68-8	Residues (petroleum), deethanizer tower
68513-69-9	Residues (petroleum), steam-cracked light
68513-74-6	Waste gases, ethylene oxide absorber-reactor
68514-15-8	Gasoline, vapor-recovery
68514-29-4	Hydrocarbons, amylene feed debutanizer overheads nonextractable raffinates
68514-31-8	Hydrocarbons, C1-4
68514-32-9	Hydrocarbons, C10 and C12, olefin-rich
68514-33-0	Hydrocarbons, C12 and C14, olefin-rich
68514-34-1	Hydrocarbons, C9-14, ethylene-manuf.-by-product
68514-35-2	Hydrocarbons, C14-30, olefin-rich
68514-36-3	Hydrocarbons, C1-4, sweetened
68514-37-4	Hydrocarbons, C4-5-unsatd.
68514-38-5	Hydrocarbons, C4-10-unsatd.
68514-39-6	Naphtha (petroleum), light steam-cracked, isoprene-rich
68514-79-4	Petroleum products, hydrofiner-powerformer reformates
68515-25-3	Benzene, C1-9-alkyl derivs.
68515-26-4	Benzene, di-C12-14-alkyl derivs.
68515-27-5	Benzene, di-C10-14-alkyl derivs., fractionation overheads, heavy ends
68515-28-6	Benzene, di-C10-14-alkyl derivs., fractionation overheads, light ends
68515-29-7	Benzene, di-C10-14-alkyl derivs., fractionation overheads, middle cut
68515-30-0	Benzene, mono-C20-48-alkyl derivs.
68515-32-2	Benzene, mono-C12-14-alkyl derivs., fractionation bottoms
68515-33-3	Benzene, mono-C10-12-alkyl derivs., fractionation bottoms, heavy ends
68515-34-4	Benzene, mono-C12-14-alkyl derivs., fractionation bottoms, heavy ends

68515-35-5	Benzene, mono-C10-12-alkyl derivs., fractionation bottoms, light ends
68515-36-6	Benzene, mono-C12-14-alkyl derivs., fractionation bottoms, light ends
68516-20-1	Naphtha (petroleum), steam-cracked middle arom.
68526-52-3	Alkenes, C6
68526-53-4	Alkenes, C6-8, C7-rich
68526-54-5	Alkenes, C7-9, C8-rich
68526-55-6	Alkenes, C8-10, C9-rich
68526-56-7	Alkenes, C9-11, C10-rich
68526-57-8	Alkenes, C10-12, C11-rich
68526-58-9	Alkenes, C11-13, C12-rich
68526-77-2	Aromatic hydrocarbons, ethane cracking scrubber effluent and flare drum
68526-99-8	Alkenes, C6-9 .alpha.-
68527-00-4	Alkenes, C8-9 .alpha.-
68527-11-7	Alkenes, C5
68527-13-9	Gases (petroleum), acid, ethanolamine scrubber
68527-14-0	Gases (petroleum), methane-rich off
68527-15-1	Gases (petroleum), oil refinery gas distr. off
68527-16-2	Hydrocarbons, C1-3
68527-18-4	Gas oils (petroleum), steam-cracked
68527-19-5	Hydrocarbons, C1-4, debutanizer fraction
68527-21-9	Naphtha (petroleum), clay-treated full-range straight-run
68527-22-0	Naphtha (petroleum), clay-treated light straight-run
68527-23-1	Naphtha (petroleum), light steam-cracked arom.
68527-26-4	Naphtha (petroleum), light steam-cracked, debenzenized
68527-27-5	Naphtha (petroleum), full-range alkylate, butane-contg.
68553-00-4	Fuel oil, no. 6
68553-14-0	Hydrocarbons, C8-11
68602-79-9	Distillates (petroleum), benzene unit hydrotreater dipentanizer overheads
68602-81-3	Distillates, hydrocarbon resin prodn. higher boiling
68602-82-4	Gases (petroleum), benzene unit hydrotreater depentenizer overheads
68602-83-5	Gases (petroleum), C1-5, wet
68602-84-6	Gases (petroleum), secondary absorber off, fluidized catalytic cracker overheads fractionater
68602-96-0	Distillates (petroleum), oxidized light, strong acid components, compds. with diethanolamine
68602-97-1	Distillates (petroleum), oxidized light, strong acid components, sodium salts
68602-98-2	Distillates (petroleum), oxidized light, strong acid components
68602-99-3	Distillates (petroleum), oxidized light, strong acid-free
68603-00-9	Distillates (petroleum), thermal cracked naphtha and gas oil
68603-01-0	Distillates (petroleum), thermal cracked naphtha and gas oil, C5-dimer-contg.
68603-02-1	Distillates (petroleum), thermal cracked naphtha and gas oil, dimerized
68603-03-2	Distillates (petroleum), thermal cracked naphtha and gas oil, extractive
68603-08-7	Naphtha (petroleum), arom.-contg.

68603-09-8	Hydrocarbon waxes (petroleum), oxidized, calcium salts
68603-10-1	Hydrocarbon waxes (petroleum), oxidized, Me esters,barium salts
68603-11-2	Hydrocarbon waxes (petroleum), oxidized, Me esters, calcium salts
68603-12-3	Hydrocarbon waxes (petroleum), oxidized, Me esters,sodium salts
68603-13-4	Petrolatum (petroleum), oxidized, ester with sorbitol
68603-14-5	Residual oils (petroleum), oxidized, calcium salts
68603-31-6	Alkenes, C10, tert-amylene concentrator by-product
68603-32-7	Alkenes, C15-20 .alpha.-, isomerized
68606-09-7	Fuel gases, expander off
68606-10-0	Gasoline, pyrolysis, debutanizer bottoms
68606-11-1	Gasoline, straight-run, topping-plant
68606-24-6	Hydrocarbons, C4, butene concentrator by-product
68606-25-7	Hydrocarbons, C2-4
68606-26-8	Hydrocarbons, C3
68606-27-9	Gases (petroleum), alkylation feed
68606-28-0	Hydrocarbons, C5 and C10-aliph. and C6-8-arom.
68606-31-5	Hydrocarbons, C3-5, butadiene purifn. by-product
68606-34-8	Gases (petroleum), depropanizer bottoms fractionation off
68606-36-0	Hydrocarbons, C5-unsatd. rich, isoprene purifn. by-product
68607-11-4	Petroleum products, refinery gases
68607-30-7	Residues (petroleum), topping plant, low-sulfur
68608-56-0	Waste gases, from carbon black manuf.
68647-60-9	Hydrocarbons, C>4
68647-61-0	Hydrocarbons, C4-5, tert-amylene concentrator by- product
68647-62-1	Hydrocarbons, C4-5, butene concentrator by-product,sour
68650-36-2	Aromatic hydrocarbons, C8, o-xylene-lean
68650-37-3	Paraffin waxes (petroleum), oxidized, sodium salts
68782-97-8	Distillates (petroleum), hydrofined lubricating-oil
68782-98-9	Extracts (petroleum), clarified oil solvent, condensed-ring-arom.-contg.
68782-99-0	Extracts (petroleum), heavy clarified oil solvent, condensed-ring-arom.-contg.
68783-00-6	Extracts (petroleum), heavy naphthenic distillate solvent, arom. conc.
68783-01-7	Extracts (petroleum), heavy naphthenic distillate solvent, paraffinic conc.
68783-02-8	Extracts (petroleum), intermediate clarified oil solvent, condensed-ring-arom.-contg.
68783-04-0	Extracts (petroleum), solvent-refined heavy paraffinic distillate solvent
68783-05-1	Gases (petroleum), ammonia-hydrogen sulfide, water-satd.
68783-06-2	Gases (petroleum), hydrocracking low-pressure separator
68783-07-3	Gases (petroleum), refinery blend
68783-08-4	Gas oils (petroleum), heavy atmospheric
68783-09-5	Naphtha (petroleum), catalytic cracked light distd.
68783-12-0	Naphtha (petroleum), unsweetened
68783-13-1	Residues (petroleum), coker scrubber, condensed-ring-arom.-contg.
68783-15-3	Alkenes, C6-7 .alpha.-
68783-61-9	Fuel gases, refinery, sweetened
68783-62-0	Fuel gases, refinery, unsweetened

68783-64-2	Gases (petroleum), catalytic cracking
68783-65-3	Gases (petroleum), C2-4, sweetened
68783-66-4	Naphtha (petroleum), light, sweetened
68814-47-1	Waste gases, refinery vent
68814-67-5	Gases (petroleum), refinery
68814-87-9	Distillates (petroleum), full-range straight-run middle
68814-89-1	Extracts (petroleum), heavy paraffinic distillates, solvent-deasphalted
68814-90-4	Gases (petroleum), platformer products separator off
68814-91-5	Alkenes, C5-9 .alpha.-
68855-57-2	Alkenes, C6-12 .alpha.-
68855-58-3	Alkenes, C10-16 .alpha.-
68855-59-4	Alkenes, C14-18 .alpha.-
68855-60-7	Alkenes, C14-20 .alpha.-
68911-58-0	Gases (petroleum), hydrotreated sour kerosine depentanizer stabilizer off
68911-59-1	Gases (petroleum), hydrotreated sour kerosine flash drum
68915-96-8	Distillates (petroleum), heavy straight-run
68915-97-9	Gas oils (petroleum), straight-run, high-boiling
68918-69-4	Petrolatum (petroleum), oxidized, zinc salt
68918-73-0	Residues (petroleum), clay-treating filter wash
68918-93-4	Paraffin waxes and Hydrocarbon waxes, oxidized, alkali metal salts
68918-98-9	Fuel gases, refinery, hydrogen sulfide-free
68918-99-0	Gases (petroleum), crude oil fractionation off
68919-00-6	Gases (petroleum), dehexanizer off
68919-01-7	Gases (petroleum), distillate unfiner desulfurization stripper off
68919-02-8	Gases (petroleum), fluidized catalytic cracker fractionation off
68919-03-9	Gases (petroleum), fluidized catalytic cracker scrubbing secondary absorber off
68919-04-0	Gases (petroleum), heavy distillate hydrotreater desulfurization stripper off
68919-05-1	Gases (petroleum), light straight run gasoline fractionation stabilizer off
68919-06-2	Gases (petroleum), naphtha unfiner desulfurization stripper off
68919-07-3	Gases (petroleum), platformer stabilizer off, light ends fractionation
68919-08-4	Gases (petroleum), preflash tower off, crude distn.
68919-09-5	Gases (petroleum), straight-run naphtha catalytic reforming off
68919-10-8	Gases (petroleum), straight-run stabilizer off
68919-11-9	Gases (petroleum), tar stripper off
68919-12-0	Gases (petroleum), unfiner stripper off
68919-15-3	Hydrocarbons, C6-12, benzene-recovery
68919-16-4	Hydrocarbons, catalytic alkylation, by-products, C3-6
68919-17-5	Hydrocarbons, C12-20, catalytic alkylation by-products
68919-19-7	Gases (petroleum), fluidized catalytic cracker splitter residues
68919-20-0	Gases (petroleum), fluidized catalytic cracker splitter overheads
68919-37-9	Naphtha (petroleum), full-range reformed
68920-06-9	Hydrocarbons, C7-9
68920-07-0	Hydrocarbons, C<10-linear
68920-64-9	Disulfides, di-C1-2-alkyl
68921-07-3	Distillates (petroleum), hydrotreated light catalytic cracked
68921-08-4	Distillates (petroleum), light straight-run gasoline fractionation stabilizer overheads

68921-09-5	Distillates (petroleum), naphtha unifier stripper
68921-67-5	Hydrocarbons, ethylene-manuf.-by-product distn. Residues
68952-76-1	Gases (petroleum), catalytic cracked naphtha debutanizer
68952-77-2	Tail gas (petroleum), catalytic cracked distillate and naphtha stabilizer
68952-78-3	Tail gas (petroleum), catalytic hydrodesulfurized distillate fractionation stabilizer, hydrogen sulfide- free
68952-79-4	Tail gas (petroleum), catalytic hydrodesulfurized naphtha separator
68952-80-7	Tail gas (petroleum), straight-run naphtha hydrodesulfurizer
68952-81-8	Tail gas (petroleum), thermal-cracked distillate, gas oil and naphtha absorber
68952-82-9	Tail gas (petroleum), thermal cracked hydrocarbon fractionation stabilizer, petroleum coking
68953-80-0	Benzene, mixed with toluene, dealkylation product
68955-27-1	Distillates (petroleum), petroleum residues vacuum
68955-28-2	Gases (petroleum), light steam-cracked, butadiene conc.
68955-31-7	Gases (petroleum), butadiene process, inorg.
68955-32-8	Natural gas, substitute, steam-reformed desulfurized naphtha
68955-33-9	Gases (petroleum), sponge absorber off, fluidized catalytic cracker and gas oil desulfurizer overhead fractionation
68955-34-0	Gases (petroleum), straight-run naphtha catalytic reformer stabilizer overhead
68955-35-1	Naphtha (petroleum), catalytic reformed
68955-36-2	Residues (petroleum), steam-cracked, resinous
68955-76-0	Aromatic hydrocarbons, C9-16, biphenyl deriv.-rich
68955-96-4	Disulfides, dialkyl and di-Ph, naphtha sweetening
68956-47-8	Fuel oil, isoprene reject absorption
68956-48-9	Fuel oil, residual, wastewater skimmings
68956-52-5	Hydrocarbons, C4-8
68956-54-7	Hydrocarbons, C4-unsatd.
68956-55-8	Hydrocarbons, C5-unsatd.
68956-70-7	Petroleum products, C5-12, reclaimed, wastewater treatment
68988-79-4	Benzene, C10-12-alkyl derivs., distn. residues
68988-99-8	Phenols, sodium salts, mixed with sulfur compounds, gasoline alk. scrubber residues
68989-88-8	Gases (petroleum), crude distn. and catalytic cracking
68990-35-2	Distillates (petroleum), arom., hydrotreated, dicyclopentadiene-rich
68991-49-1	Alkanes, C10-13, arom.-free desulfurized
68991-50-4	Alkanes, C14-17, arom.-free desulfurized
68991-51-5	Alkanes, C10-13, desulfurized
68991-52-6	Alkenes, C10-16
69013-21-4	Fuel oil, pyrolysis
69029-75-0	Oils, reclaimed
69430-33-7	Hydrocarbons, C6-30
70024-88-3	Ethene, thermal cracking products
70528-71-1	Distillates (petroleum), heavy distillate solvent ext. heart-cut
70528-72-2	Distillates (petroleum), heavy distillate solvent ext. vacuum overheads
70528-73-3	Residues (petroleum), heavy distillate solvent ext. vacuum
70592-76-6	Distillates (petroleum), intermediate vacuum
70592-77-7	Distillates (petroleum), light vacuum
70592-78-8	Distillates (petroleum), vacuum

70592-79-9	Residues (petroleum), atm. tower, light
70693-00-4	Hydrocarbon waxes (petroleum), oxidized, sodium salts
70693-06-0	Aromatic hydrocarbons, C9-11
70913-85-8	Residues (petroleum), solvent-extd. vacuum distilled atm. Residuum
70913-86-9	Alkanes, C18-70
70955-08-7	Alkanes, C4-6
70955-09-8	Alkenes, C13-14 .alpha.-
70955-10-1	Alkenes, C15-18 .alpha.-
70955-17-8	Aromatic hydrocarbons, C12-20
71243-66-8	Hydrocarbon waxes (petroleum), clay-treated, microcryst., oxidized, potassium salts
71302-82-4	Hydrocarbons, C5-8, Houdry butadiene manuf. by-product
71329-37-8	Residues (petroleum), catalytic cracking depropanizer, C4-rich
71808-30-5	Tail gas (petroleum), thermal cracking absorber
72230-71-8	Distillates (petroleum), cracked steam-cracked, C5-17 fraction
72623-83-7	Lubricating oils (petroleum), C>25, hydrotreated bright stock-based
72623-84-8	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based, contg. solvent deasphalted residual oil
72623-85-9	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, high-viscosity
72623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based
72623-87-1	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based
73138-65-5	Hydrocarbon waxes (petroleum), oxidized, magnesium salts
92045-43-7	Lubricating oils (petroleum), hydrocracked nonarom. solvent deparaffined
92045-58-4	Naphtha (petroleum), isomerization, C6-fraction
92062-09-4	Slack wax (petroleum), hydrotreated
93762-80-2	Alkenes, C15-18
98859-55-3	Distillates (petroleum), oxidized heavy, compds with diethanolamine
98859-56-4	Distillates (petroleum), oxidized heavy, sodium salts
101316-73-8	Lubricating oils (petroleum), used, noncatalytically refined
164907-78-2	Extracts (petroleum), asphaltene-low vacuum residue solvent
164907-79-3	Residues (petroleum), vacuum, asphaltene-low
178603-63-9	Gas oils (petroleum), vacuum, hydrocracked, hydroisomerized, hydrogenated, C10-25
178603-64-0	Gas oils (petroleum), vacuum, hydrocracked, hydroisomerized, hydrogenated, C15-30, branched and cyclic
178603-65-1	Gas oils (petroleum), vacuum, hydrocracked, hydroisomerized, hydrogenated, C20-40, branched and cyclic
178603-66-2	Gas oils (petroleum), vacuum, hydrocracked, hydroisomerized, hydrogenated, C25-55, branched and cyclic
212210-93-0	Solvent naphtha (petroleum), heavy arom., distn. Residues
221120-39-4	Distillates (petroleum), cracked steam-cracked, C5-12 fraction
445411-73-4	Gas oils (petroleum), vacuum, hydrocracked, hydroisomerized, hydrogenated, C10-25, branched and cyclic