

별첨 부록 1. 오일류 또는 유사 원료로부터 얻은 물질(petroleum 물질)

(출처; US EPA HIGH PRODUCTION VOLUME (HPV) <https://petroleumhvp.org/petroleum-substances-and-categories>)

연번	CAS No.	chemical name	type
1	64742-03-6	Extracts (petroleum), light naphthenic distillate solvent	Aromatic Extracts
2	64742-04-7	Extracts (petroleum), heavy paraffinic distillate solvent	Aromatic Extracts
3	64742-05-8	Extracts (petroleum), light paraffinic distillate solvent	Aromatic Extracts
4	64742-10-5	Extracts (petroleum), residual oil solvent	Aromatic Extracts
5	64742-11-6	Extracts (petroleum), heavy naphthenic distillate solvent	Aromatic Extracts
6	64741-56-6	Residues (petroleum), vacuum	Asphalt
7	64742-07-0	Raffinates, petroleum, residual oil decarbonization	Asphalt
8	64742-16-1	Petroleum resins	Asphalt
9	64742-85-4	Residues (petroleum), hydrodesulfurized vacuum	Asphalt
10	64742-93-4	Asphalt, oxidized	Asphalt
11	8052-42-4	Asphalt	Asphalt
12	8002-05-9	Petroleum	Crude Oil
13	64741-43-1	Gas oils (petroleum), straight-run	Gas Oils
14	64741-44-2	Distillates (petroleum), straight-run middle	Gas Oils
15	64741-49-7	Condensates (petroleum), vacuum tower	Gas Oils
16	64741-58-8	Gas oils (petroleum), light vacuum	Gas Oils
17	64741-59-9	Distillates (petroleum), light catalytic cracked	Gas Oils
18	64741-60-2	Distillates (petroleum), intermediate catalytic cracked	Gas Oils
19	64741-77-1	Distillates (petroleum), light hydrocracked	Gas Oils
20	64741-82-8	Distillates (petroleum), light thermal cracked	Gas Oils
21	64741-86-2	Distillates (petroleum), sweetened middle	Gas Oils
22	64741-90-8	Gas oils (petroleum), solvent-refined	Gas Oils
23	64741-91-9	Distillates (petroleum), solvent-refined middle	Gas Oils
24	64742-29-6	Gas oils (petroleum), chemically neutralized	Gas Oils
25	64742-30-9	Distillates (petroleum), chemically-neutralized middle	Gas Oils
26	64742-38-7	Distillates (petroleum), clay-treated middle	Gas Oils
27	64742-46-7	Distillates (petroleum), hydrotreated middle	Gas Oils
28	64742-72-9	Distillates, petroleum, catalytic dewaxed middle	Gas Oils
29	64742-79-6	Gas oils (petroleum), hydrodesulfurized	Gas Oils
30	64742-80-9	Distillates (petroleum), hydrodesulfurized middle	Gas Oils
31	64742-87-6	Gas oils (petroleum), hydrodesulfurized light vacuum	Gas Oils
32	68333-25-5	Distillates (petroleum), hydrodesulfurized light catalytic cracked	Gas Oils
33	68333-88-0	Aromatic hydrocarbons, C9-17	Gas Oils
34	68334-30-5	Fuels, diesel	Gas Oils
35	68476-30-2	Fuel oil, no. 2	Gas Oils
36	68476-31-3	Fuel oil, no. 4	Gas Oils
37	68476-34-6	Fuels, diesel, no. 2	Gas Oils
38	68477-31-6	Distillates (petroleum), catalytic reformer fractionator residue, low-boiling	Gas Oils
39	68814-87-9	Distillates (petroleum), full-range straight-run middle	Gas Oils
40	68915-96-8	Distillates (petroleum), heavy straight-run	Gas Oils
41	68915-97-9	Gas oils (petroleum), straight-run, high-boiling	Gas Oils
42	64741-41-9	Naphtha (petroleum), heavy straight-run	Gasoline
43	64741-42-0	Naphtha (petroleum), full-range straight-run	Gasoline
44	64741-46-4	Naphtha (petroleum), light straight-run	Gasoline
45	64741-47-5	Natural gas condensates (petroleum)	Gasoline
46	64741-48-6	Natural gas (petroleum), raw liq. mix	Gasoline
47	64741-54-4	Naphtha (petroleum), heavy catalytic cracked	Gasoline
48	64741-55-5	Naphtha (petroleum), light catalytic cracked	Gasoline
49	64741-63-5	Naphtha (petroleum), light catalytic reformed	Gasoline
50	64741-64-6	Naphtha (petroleum), full-range alkylate	Gasoline
51	64741-65-7	Naphtha (petroleum), heavy alkylate	Gasoline
52	64741-66-8	Naphtha (petroleum), light alkylate	Gasoline
53	64741-68-0	Naphtha (petroleum), heavy catalytic reformed	Gasoline
54	64741-69-1	Naphtha (petroleum), light hydrocracked	Gasoline
55	64741-70-4	Naphtha (petroleum), isomerization	Gasoline
56	64741-72-6	Naphtha, petroleum, polymn.	Gasoline
57	64741-74-8	Naphtha (petroleum), light thermal cracked	Gasoline
58	64741-78-2	Naphtha (petroleum), heavy hydrocracked	Gasoline

59	64741-83-9	Naphtha (petroleum), heavy thermal cracked	Gasoline
60	64741-84-0	Naphtha (petroleum), solvent-refined light	Gasoline
61	64741-87-3	Naphtha (petroleum), sweetened	Gasoline
62	64741-92-0	Naphtha (petroleum), solvent-refined heavy	Gasoline
63	64741-99-7	Extracts, petroleum, light naphtha solvent	Gasoline
64	64742-22-9	Naphtha (petroleum), chemically neutralized heavy	Gasoline
65	64742-23-0	Naphtha (petroleum), chemically neutralized light	Gasoline
66	64742-48-9	Naphtha (petroleum), hydrotreated heavy	Gasoline
67	64742-49-0	Naphtha (petroleum), hydrotreated light	Gasoline
68	64742-73-0	Naphtha (petroleum), hydrodesulfurized light	Gasoline
69	64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy	Gasoline
70	64742-89-8	Solvent naphtha (petroleum), light aliph.	Gasoline
71	64742-95-6	Solvent naphtha (petroleum), light arom.	Gasoline
72	67891-79-6	Distillates (petroleum), heavy aromatic	Gasoline
73	67891-80-9	Distillates (petroleum), light aromatic	Gasoline
74	68333-29-9	Residues, petroleum, light naphtha solvent extracts	Gasoline
75	68410-05-9	Distillates (petroleum), straight-run Light	Gasoline
76	68410-71-9	Raffinates (petroleum), catalytic reformer ethylene glycol-water countercurrent exts.	Gasoline
77	68410-96-8	Distillates (petroleum), hydrotreated middle, intermediate boiling	Gasoline
78	68410-97-9	Distillates (petroleum), light distillate hydrotreating process, low-boiling	Gasoline
79	68410-98-0	Distillates (petroleum), hydrotreated heavy naphtha, deisohexanizer overheads	Gasoline
80	68425-31-0	Gasoline, natural gas, natural	Gasoline
81	68475-79-6	Distillates (petroleum), catalytic reformed depentanizer	Gasoline
82	68476-43-7	Hydrocarbons, C4-6, C5-rich	Gasoline
83	68476-46-0	Hydrocarbons, C3-C11 catalytic cracker distillates	Gasoline
84	68476-50-6	Hydrocarbons, C5 and higher, C5-6-rich	Gasoline
85	68476-55-1	Hydrocarbons, C5-rich	Gasoline
86	68476-56-2	Hydrocarbons, cyclic C5 and C6	Gasoline
87	68477-34-9	Distillates (petroleum), C3-C5, 2-methyl-2-butene-rich	Gasoline
88	68477-63-4	Extracts, petroleum, reformer recycle	Gasoline
89	68477-89-4	Distillates (petroleum), depentanizer overheads	Gasoline
90	68478-12-6	Residues (petroleum), butane splitter bottoms	Gasoline
91	68478-15-9	Residues (petroleum), C6-8, catalytic reformer	Gasoline
92	68478-16-0	Residual oils (petroleum), deisobutanizer tower	Gasoline
93	68513-02-0	Naphtha (petroleum), full-range coker	Gasoline
94	68513-03-1	Naphtha, petroleum, light catalytic reformed, aromatic-free	Gasoline
95	68513-63-3	Distillates (petroleum), catalytic reformed straight-run naphtha overheads	Gasoline
96	68514-15-8	Gasoline, vapour-recovery	Gasoline
97	68514-38-5	Hydrocarbons, C4-10 unsatd.	Gasoline
98	68514-79-4	Petroleum products, hydrofiner-powerformer reformates	Gasoline
99	68526-52-3	Alkenes, C6	Gasoline
100	68526-55-6	Alkenes, C8-10, C9-rich	Gasoline
101	68527-21-9	Naphtha (petroleum), clay-treated full-range straight-run	Gasoline
102	68527-26-4	Naphtha (petroleum), light steam-cracked, debenzenized	Gasoline
103	68527-27-5	Naphtha (petroleum), full-range alkylate, butane-containing	Gasoline
104	68602-79-9	Distillates, (petroleum), benzene unit hydrotreater depentanizer overheads	Gasoline
105	68603-01-0	Distillates (petroleum), thermal cracked naphtha and gas oil, C5-dimer-containing	Gasoline
106	68603-08-7	Naphtha (petroleum), arom.-contg	Gasoline
107	68606-11-1	Gasoline, straight-run, topping-plant	Gasoline
108	68783-11-9	Naphtha, petroleum, light polymn.	Gasoline
109	68783-12-0	Naphtha (petroleum), unsweetened	Gasoline
110	68783-66-4	Naphtha (petroleum), light, sweetened	Gasoline
111	68919-15-3	Hydrocarbons, C6-12, benzene-recovery	Gasoline
112	68919-37-9	Naphtha (petroleum), full-range reformed	Gasoline
113	68919-39-1	Natural gas condensate	Gasoline
114	68920-06-9	Hydrocarbons, C7-9	Gasoline
115	68921-08-4	Distillates (petroleum), light straight-run gasoline fractionation stabilizer overheads	Gasoline
116	68921-09-5	Distillates (petroleum), naphtha unifiner stripper	Gasoline
117	68955-29-3	Distillates (petroleum), light thermal cracked, debutanized aromatic.	Gasoline
118	68955-35-1	Naphtha (petroleum), catalytic reformed	Gasoline
119	70955-08-7	Alkanes, C4-6	Gasoline
120	8006-61-9	Gasoline, natural	Gasoline
121	8030-30-6	Naphtha	Gasoline

122	92045-58-4	Naphtha, petroleum, isomerization, C6-fraction	Gasoline
123	1592-23-0	Octadecanoic acid, calcium salt (2:1)	Grease Thickeners
124	3159-62-4	Octadecanoic acid, 12-hydroxy-, calcium salt (2:1)	Grease Thickeners
125	38900-29-7	Nonanedioic acid, lithium salt (1:2)	Grease Thickeners
126	4485-12-5	Octadecanoic acid, lithium salt (1:1)	Grease Thickeners
127	4499-91-6	Docosanoic acid, lithium salt (1:1)	Grease Thickeners
128	53422-16-5	Octadecanoic acid, 12-hydroxy-, methyl ester, lithium salt (1:1)	Grease Thickeners
129	64754-95-6	Castor oil, hydrogenated, lithium salt	Grease Thickeners
130	64755-01-7	Fatty acids, tallow, calcium salts	Grease Thickeners
131	68603-11-2	Hydrocarbon waxes (petroleum), oxidized, Me esters, calcium salts	Grease Thickeners
132	68783-36-8	Fatty acids, C16-22, lithium salts	Grease Thickeners
133	7620-77-1	Octadecanoic acid, 12-hydroxy-, lithium salt (1:1)	Grease Thickeners
134	64741-45-3	Residues (petroleum), atm. tower	Heavy Fuel Oils
135	64741-57-7	Gas oils (petroleum), heavy vacuum	Heavy Fuel Oils
136	64741-61-3	Distillates (petroleum), heavy catalytic cracked	Heavy Fuel Oils
137	64741-62-4	Clarified oils (petroleum), catalytic cracked	Heavy Fuel Oils
138	64741-67-9	Residues (petroleum), catalytic reformer fractionator	Heavy Fuel Oils
139	64741-75-9	Residues (petroleum), hydrocracked	Heavy Fuel Oils
140	64741-80-6	Residues (petroleum), thermal cracked	Heavy Fuel Oils
141	64741-81-7	Distillates (petroleum), heavy thermal cracked	Heavy Fuel Oils
142	64742-59-2	Gas oils (petroleum), hydrotreated vacuum	Heavy Fuel Oils
143	64742-78-5	Residues (petroleum), hydrodesulfurized atmospheric tower	Heavy Fuel Oils
144	64742-86-5	Gas oils (petroleum), hydrodesulfurized heavy vacuum	Heavy Fuel Oils
145	68187-58-6	Pitch, petroleum, arom.	Heavy Fuel Oils
146	68333-22-2	Residues (petroleum), atmospheric	Heavy Fuel Oils
147	68333-26-6	Clarified oils (petroleum), hydrodesulfurized catalytic cracked	Heavy Fuel Oils
148	68333-27-7	Distillates (petroleum), hydrodesulfurized intermediate catalytic cracked	Heavy Fuel Oils
149	68410-00-4	Distillates, petroleum, crude oil	Heavy Fuel Oils
150	68476-32-4	Fuel oil, residues-straight-run gas oils, high-sulfur	Heavy Fuel Oils
151	68476-33-5	Fuel oil, residual	Heavy Fuel Oils
152	68478-13-7	Residues (petroleum), catalytic reformer fractionator residue distn.	Heavy Fuel Oils
153	68478-17-1	Residues (petroleum), heavy coker gas oil and vacuum gas oil	Heavy Fuel Oils
154	68512-62-9	Residues (petroleum), light vacuum	Heavy Fuel Oils
155	68553-00-4	Fuel oil, no. 6	Heavy Fuel Oils
156	68607-30-7	Residues (petroleum), topping plant, low-sulfur	Heavy Fuel Oils
157	68783-08-4	Gas oils (petroleum), heavy atmospheric	Heavy Fuel Oils
158	68783-13-1	Residues (petroleum), coker scrubber, condensed-ring-aromatic-containing.	Heavy Fuel Oils
159	68955-27-1	Distillates (petroleum), petroleum residues vacuum	Heavy Fuel Oils
160	70592-76-6	Distillates (petroleum), intermediate vacuum	Heavy Fuel Oils
161	70592-77-7	Distillates (petroleum), light vacuum	Heavy Fuel Oils
162	70592-78-8	Distillates (petroleum), vacuum	Heavy Fuel Oils
163	70592-79-9	Residues (petroleum), atm. tower, light	Heavy Fuel Oils
164	70913-85-8	Residues, petroleum, solvent-extd. vacuum distilled atm. residuum	Heavy Fuel Oils
165	70955-17-8	Aromatic hydrocarbons, C12-20 ..540F 800F	Heavy Fuel Oils
166	64742-14-9	Distillates (petroleum), acid-treated light	Kerosene/Jet Fuel
167	64742-31-0	Distillates (petroleum), chemically neutralized light	Kerosene/Jet Fuel
168	64742-47-8	Distillates (petroleum), hydrotreated light	Kerosene/Jet Fuel
169	64742-81-0	Kerosine (petroleum), hydrodesulfurized	Kerosene/Jet Fuel
170	64742-88-7	Solvent naphtha (petroleum), medium aliph.	Kerosene/Jet Fuel
171	68333-23-3	Naphtha (petroleum), heavy coker	Kerosene/Jet Fuel
172	68477-58-7	Distillates (petroleum), steam-cracked petroleum distillates, C5-18 fraction	Kerosene/Jet Fuel
173	8008-20-6	Kerosine (petroleum)	Kerosene/Jet Fuel
174	64741-50-0	Distillates (petroleum), light paraffinic	Lubricating Oils
175	64741-51-1	Distillates (petroleum), heavy paraffinic	Lubricating Oils
176	64741-52-2	Distillates (petroleum), light naphthenic	Lubricating Oils
177	64741-53-3	Distillates (petroleum), heavy naphthenic	Lubricating Oils
178	64741-76-0	Distillates (petroleum), heavy hydrocracked	Lubricating Oils
179	64741-88-4	Distillates (petroleum), solvent-refined heavy paraffinic	Lubricating Oils
180	64741-89-5	Distillates (petroleum), solvent-refined light paraffinic	Lubricating Oils
181	64741-95-3	Residual oils (petroleum), solvent deasphalted	Lubricating Oils
182	64741-96-4	Distillates (petroleum), solvent-refined heavy naphthenic	Lubricating Oils
183	64741-97-5	Distillates (petroleum), solvent-refined light naphthenic	Lubricating Oils
184	64742-01-4	Residual oils (petroleum), solvent-refined	Lubricating Oils

185	64742-18-3	Distillates (petroleum), acid-treated heavy naphthenic	Lubricating Oils
186	64742-19-4	Distillates (petroleum), acid-treated light naphthenic	Lubricating Oils
187	64742-34-3	Distillates (petroleum), chemically neutralized heavy naphthenic	Lubricating Oils
188	64742-35-4	Distillates (petroleum), chemically neutralized light naphthenic	Lubricating Oils
189	64742-37-6	Distillates (petroleum), clay-treated light paraffinic	Lubricating Oils
190	64742-44-5	Distillates (petroleum), clay-treated heavy naphthenic	Lubricating Oils
191	64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic	Lubricating Oils
192	64742-53-6	Distillates (petroleum), hydrotreated light naphthenic	Lubricating Oils
193	64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic	Lubricating Oils
194	64742-55-8	Distillates (petroleum), hydrotreated light paraffinic	Lubricating Oils
195	64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic	Lubricating Oils
196	64742-57-0	Residual oils (petroleum), hydrotreated	Lubricating Oils
197	64742-58-1	Lubricating oils (petroleum), hydrotreated spent	Lubricating Oils
198	64742-62-7	Residual oils (petroleum), solvent-dewaxed	Lubricating Oils
199	64742-63-8	Distillates (petroleum), solvent-dewaxed heavy naphthenic	Lubricating Oils
200	64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic	Lubricating Oils
201	64742-67-2	Foots oil (petroleum)	Lubricating Oils
202	64742-70-7	Paraffin oils (petroleum), catalytic dewaxed heavy	Lubricating Oils
203	64742-71-8	Paraffin oils (petroleum), catalytic dewaxed light	Lubricating Oils
204	72623-83-7	Lubricating oils (petroleum), C>25, hydrotreated bright stock-based	Lubricating Oils
205	72623-84-8	Lubricating oils, petroleum, C15-30, hydrotreated neutral oil-based, containing. solvent deasphalted residual oil	Lubricating Oils
206	72623-85-9	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, high-viscosity	Lubricating Oils
207	72623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	Lubricating Oils
208	72623-87-1	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	Lubricating Oils
209	8042-47-5	White mineral oil (petroleum)	Lubricating Oils
210	64741-79-3	Coke (petroleum)	Petroleum Coke
211	64743-05-1	Coke (petroleum), calcined	Petroleum Coke
212	106-97-8	Butane, pure C4H10	Petroleum Gases
213	109-66-0	Pentane (N)	Petroleum Gases
214	115-07-1	Propylene	Petroleum Gases
215	287-92-3	Cyclopentane	Petroleum Gases
216	513-35-9	2-Butene, 2-methyl-	Petroleum Gases
217	68131-75-9	Gases (petroleum), C3-4	Petroleum Gases
218	68307-98-2	Tail gas (petroleum), catalytic cracked distillate and catalytic cracked naphtha fractionation absorber.	Petroleum Gases
219	68307-99-3	Tail gas (petroleum), catalytic polymn. naphtha fractionation stabilizer	Petroleum Gases
220	68308-02-1	Tail gas, petroleum, distn., hydrogen sulfide-free	Petroleum Gases
221	68308-03-2	Tail gas (petroleum), gas oil catalytic cracking absorber	Petroleum Gases
222	68308-04-3	Tail gas (petroleum), gas recovery plant	Petroleum Gases
223	68308-05-4	Tail gas (petroleum), gas recovery plant deethanizer	Petroleum Gases
224	68308-06-5	Tail gas (petroleum), hydrodesulfurized distillate and hydrodesulfurized naphtha fractionator, acid-free	Petroleum Gases
225	68308-08-7	Tail gas (petroleum), isomerized naphtha fractionation stabilizer	Petroleum Gases
226	68308-09-8	Tail gas (petroleum), light straight-run naphtha stabilizer, hydrogen sulfide-free	Petroleum Gases
227	68308-10-1	Tail gas (petroleum), straight-run distillate hydrodesulfurizer, hydrogen sulfide-free	Petroleum Gases
228	68308-11-2	Tail gas (petroleum), propane-propylene alkylation feed prep deethanizer	Petroleum Gases
229	68308-12-3	Tail gas (petroleum), vacuum gas oil hydrodesulfurizer, hydrogen sulfide-free	Petroleum Gases
230	68308-27-0	Fuel gases, refinery	Petroleum Gases
231	68409-99-4	Gases (petroleum), catalytic cracked overheads	Petroleum Gases
232	68410-63-9	Natural gas, dried	Petroleum Gases
233	68475-57-0	Alkanes, C1-2	Petroleum Gases
234	68475-58-1	Alkanes, C2-3	Petroleum Gases
235	68475-59-2	Alkanes, C3-4	Petroleum Gases
236	68475-60-5	Alkanes, C4-5	Petroleum Gases
237	68476-26-6	Fuel gases	Petroleum Gases
238	68476-27-7	Fuel gases, amine system residues	Petroleum Gases
239	68476-28-8	Fuel gases, C6-8 catalytic reformer	Petroleum Gases
240	68476-29-9	Fuel gases, crude oil distillates	Petroleum Gases
241	68476-40-4	Hydrocarbons, C3-4	Petroleum Gases
242	68476-42-6	Hydrocarbons, C4-5	Petroleum Gases
243	68476-44-8	Hydrocarbons, C>3	Petroleum Gases
244	68476-49-3	Hydrocarbons, C2-4, C3-rich	Petroleum Gases
245	68476-54-0	Hydrocarbons, C3-5, polymn. unit feed	Petroleum Gases
246	68476-85-7	Petroleum gases, liquefied	Petroleum Gases
247	68476-86-8	Petroleum gases, liquefied, sweetened	Petroleum Gases

248	68477-25-8	Waste gases, vent gas, C1-6	Petroleum Gases
249	68477-33-8	Gases (petroleum), C3-4, isobutane-rich	Petroleum Gases
250	68477-42-9	Distillates, (petroleum), extractive, C3-5, butene-isobutylene-rich	Petroleum Gases
251	68477-65-6	Gases (petroleum), amine system feed	Petroleum Gases
252	68477-66-7	Gases (petroleum), benzene unit hydrodesulfurizer off	Petroleum Gases
253	68477-67-8	Gases (petroleum), benzene unit recycle, hydrogen-rich	Petroleum Gases
254	68477-68-9	Gases (petroleum), blend oil, hydrogen-nitrogen-rich	Petroleum Gases
255	68477-69-0	Gases (petroleum), butane splitter overheads	Petroleum Gases
256	68477-70-3	Gases (petroleum), C2-3	Petroleum Gases
257	68477-71-4	Gases (petroleum), catalytic-cracked gas oil depropanizer bottoms, C4-rich acid-free	Petroleum Gases
258	68477-72-5	Gases (petroleum), catalytic-cracked naphtha debutanizer bottoms, C3-5-rich	Petroleum Gases
259	68477-73-6	Gases (petroleum), catalytic cracked naphtha depropanizer overhead, C3-rich acid-free	Petroleum Gases
260	68477-74-7	Gases (petroleum), catalytic cracker	Petroleum Gases
261	68477-75-8	Gases (petroleum), catalytic cracker, C1-5-rich	Petroleum Gases
262	68477-76-9	Gases (petroleum), catalytic polymd. naphtha stabilizer overhead, C2-4-rich	Petroleum Gases
263	68477-77-0	Gases (petroleum), catalytic reformed naphtha stripper overheads	Petroleum Gases
264	68477-79-2	Gases (petroleum), catalytic reformer, C1-4-rich	Petroleum Gases
265	68477-80-5	Gases (petroleum), C6-8 catalytic reformer recycle	Petroleum Gases
266	68477-81-6	Gases (petroleum), C6-8 catalytic reformer	Petroleum Gases
267	68477-82-7	Gases (petroleum), C6-8 catalytic reformer recycle, hydrogen-rich	Petroleum Gases
268	68477-83-8	Gases (petroleum), C3-5 olefinic-paraffinic alkylation feed	Petroleum Gases
269	68477-85-0	Gases (petroleum), C4-rich	Petroleum Gases
270	68477-86-1	Gases (petroleum), deethanizer overheads	Petroleum Gases
271	68477-87-2	Gases (petroleum), deisobutanizer tower overheads	Petroleum Gases
272	68477-88-3	Gases, (petroleum), deethanizer overheads, C3-rich	Petroleum Gases
273	68477-90-7	Gases (petroleum), depropanizer dry, propene-rich	Petroleum Gases
274	68477-91-8	Gases (petroleum), depropanizer overheads	Petroleum Gases
275	68477-92-9	Gases (petroleum), dry sour, gas-concn.-unit-off	Petroleum Gases
276	68477-94-1	Gases (petroleum), gas recovery plant depropanizer overheads	Petroleum Gases
277	68477-95-2	Gases (petroleum), Girbatol unit feed	Petroleum Gases
278	68477-97-4	Gases (petroleum), hydrogen-rich	Petroleum Gases
279	68477-98-5	Gases, petroleum, hydrotreater blend oil recycle, hydrogen-nitrogenrich	Petroleum Gases
280	68478-00-2	Gases (petroleum), recycle, hydrogen-rich	Petroleum Gases
281	68478-01-3	Gases (petroleum), reformer make-up, hydrogen-rich	Petroleum Gases
282	68478-02-4	Gases (petroleum), reforming hydrotreater	Petroleum Gases
283	68478-03-5	Gases (petroleum), reforming hydrotreater, hydrogen-methane-rich	Petroleum Gases
284	68478-04-6	Gases (petroleum), reforming hydrotreater make-up, hydrogen-rich	Petroleum Gases
285	68478-05-7	Gases (petroleum), thermal cracking distn.	Petroleum Gases
286	68478-19-3	Residual oils, (petroleum), propene purifn. splitter	Petroleum Gases
287	68478-24-0	Tail gas (petroleum), catalytic cracker, catalytic reformer and hydrodesulfurizer combined fractionator	Petroleum Gases
288	68478-25-1	Tail gas (petroleum), catalytic cracker refractionation absorber	Petroleum Gases
289	68478-26-2	Tail gas (petroleum), catalytic reformed naphtha fractionation stabilizer	Petroleum Gases
290	68478-27-3	Tail gas (petroleum), catalytic reformed naphtha separator	Petroleum Gases
291	68478-28-4	Tail gas (petroleum), catalytic reformed naphtha stabilizer	Petroleum Gases
292	68478-29-5	Tail gas, (petroleum), cracked distillate hydrotreater separator	Petroleum Gases
293	68478-30-8	Tail gas (petroleum), hydrodesulfurized straight-run naphtha separator	Petroleum Gases
294	68478-32-0	Tail gas (petroleum), saturate gas plant mixed stream, C4-rich	Petroleum Gases
295	68478-33-1	Tail gas (petroleum), saturate gas recovery plant, C1-2-rich	Petroleum Gases
296	68478-34-2	Tail gas (petroleum), vacuum residues thermal cracker	Petroleum Gases
297	68512-91-4	Hydrocarbons, C3-4-rich, petroleum distillate	Petroleum Gases
298	68513-11-1	Fuel gases, hydrotreater fractionation, scrubbed	Petroleum Gases
299	68513-12-2	Fuel gases, saturate gas unit fractionator-absorber overheads	Petroleum Gases
300	68513-13-3	Fuel gases, thermal cracked catalytic cracking residue	Petroleum Gases
301	68513-14-4	Gases (petroleum), catalytic reformed straight-run naphtha stabilizer overheads	Petroleum Gases
302	68513-15-5	Gases (petroleum), full-range straight-run naphtha dehexanizer off	Petroleum Gases
303	68513-16-6	Gases (petroleum), hydrocracking depropanizer off, hydrocarbon-rich	Petroleum Gases
304	68513-17-7	Gases (petroleum), light straight-run naphtha stabilizer off	Petroleum Gases
305	68513-18-8	Gases (petroleum), reformer effluent high-pressure flash drum off	Petroleum Gases
306	68513-19-9	Gases (petroleum), reformer effluent low-pressure flash drum off	Petroleum Gases
307	68513-65-5	Alkanes, C4	Petroleum Gases
308	68513-66-6	Residues (petroleum), alkylation splitter, C4-rich	Petroleum Gases
309	68513-68-8	Residues, (petroleum), deethanizer tower	Petroleum Gases
310	68514-31-8	Hydrocarbons, C1-4	Petroleum Gases

311	68514-36-3	Hydrocarbons, C1-4, sweetened	Petroleum Gases
312	68527-13-9	Gases, (petroleum), acid, ethanolamine scrubber	Petroleum Gases
313	68527-14-0	Gases, (petroleum), methane-rich off ..C1	Petroleum Gases
314	68527-15-1	Gases (petroleum), oil refinery gas distn. off	Petroleum Gases
315	68527-16-2	Hydrocarbons, C1-3	Petroleum Gases
316	68527-19-5	Hydrocarbons, C1-4, debutanizer fraction	Petroleum Gases
317	68602-82-4	Gases (petroleum), benzene unit hydrotreater depentanizer overheads	Petroleum Gases
318	68602-83-5	Gases (petroleum), C1-5, wet	Petroleum Gases
319	68602-84-6	Gases (petroleum), secondary absorber off, fluidized catalytic cracker overheads fractionator	Petroleum Gases
320	68606-24-6	Hydrocarbons, C4, butene concentrator by-product	Petroleum Gases
321	68606-25-7	Hydrocarbons, C2-4	Petroleum Gases
322	68606-26-8	Hydrocarbons, C3	Petroleum Gases
323	68606-27-9	Gases (petroleum), alkylation feed	Petroleum Gases
324	68606-34-8	Gases (petroleum), depropanizer bottoms fractionation off	Petroleum Gases
325	68607-11-4	Petroleum products, refinery gases	Petroleum Gases
326	68783-05-1	Gases, (petroleum), ammonia-hydrogen sulfide, water-satd.	Petroleum Gases
327	68783-06-2	Gases (petroleum), hydrocracking low-pressure separator	Petroleum Gases
328	68783-07-3	Gases (petroleum), refinery blend	Petroleum Gases
329	68783-61-9	Fuel gases, refinery, sweetened	Petroleum Gases
330	68783-62-0	Fuel gases, refinery, unsweetened	Petroleum Gases
331	68783-64-2	Gases (petroleum), catalytic cracking	Petroleum Gases
332	68783-65-3	Gases (petroleum), C2-4, sweetened	Petroleum Gases
333	68814-47-1	Waste gases, refinery vent	Petroleum Gases
334	68814-67-5	Gases (petroleum), refinery	Petroleum Gases
335	68814-90-4	Gases (petroleum), platformer products separator off	Petroleum Gases
336	68911-58-0	Gases (petroleum), hydrotreated sour kerosine depentanizer stabilizer off	Petroleum Gases
337	68911-59-1	Gases (petroleum), hydrotreated sour kerosine flash drum	Petroleum Gases
338	68918-98-9	Fuel gases, refinery, hydrogen sulfide-free	Petroleum Gases
339	68918-99-0	Gases (petroleum), crude oil fractionation off	Petroleum Gases
340	68919-00-6	Gas (petroleum), dehexanizer off	Petroleum Gases
341	68919-01-7	Gases (petroleum), distillate unifier desulfurization stripper off	Petroleum Gases
342	68919-02-8	Gases (petroleum), fluidized catalytic cracker fractionation off	Petroleum Gases
343	68919-03-9	Gases (petroleum), fluidized catalytic cracker scrubbing secondary absorber off	Petroleum Gases
344	68919-04-0	Gases (petroleum), heavy distillate hydrotreater desulfurization stripper off	Petroleum Gases
345	68919-05-1	Gases (petroleum), light straight run gasoline fractionation stabilizer off	Petroleum Gases
346	68919-06-2	Gases (petroleum), naphtha unifier desulfurization stripper off	Petroleum Gases
347	68919-07-3	Gases (petroleum), platformer stabilizer off, light ends fractionation	Petroleum Gases
348	68919-08-4	Gases (petroleum), preflash tower off, crude distn.	Petroleum Gases
349	68919-10-8	Gases (petroleum), straight-run stabilizer off	Petroleum Gases
350	68919-12-0	Gases (petroleum), unifier stripper off	Petroleum Gases
351	68919-16-4	Hydrocarbons, C3-6, catalytic alkylation by-products	Petroleum Gases
352	68919-19-7	Gases, petroleum, fluidized catalytic cracker splitter residues	Petroleum Gases
353	68919-20-0	Gases (petroleum), fluidized catalytic cracker splitter overheads	Petroleum Gases
354	68952-76-1	Gases (petroleum), catalytic cracked naphtha debutanizer	Petroleum Gases
355	68952-79-4	Tail gas (petroleum), catalytic hydrodesulfurized naphtha separator	Petroleum Gases
356	68952-80-7	Tail gas (petroleum), straight-run naphtha hydrodesulfurizer	Petroleum Gases
357	68952-81-8	Tail gas (petroleum), thermal-cracked distillate, gas oil and naphtha absorber	Petroleum Gases
358	68952-82-9	Tail gas (petroleum), thermal cracked hydrocarbon fractionation stabilizer, petroleum coking	Petroleum Gases
359	68955-28-2	Gases (petroleum), light steam-cracked, butadiene conc.	Petroleum Gases
360	68955-33-9	Gases (petroleum), sponge absorber off, fluidized catalytic cracker and gas oil desulfurizer overhead fractionation	Petroleum Gases
361	68955-34-0	Gases (petroleum), straight-run naphtha catalytic reformer stabilizer overhead	Petroleum Gases
362	68956-54-7	Hydrocarbons, C4-unsatd.	Petroleum Gases
363	68989-88-8	Gases (petroleum), crude distn. and catalytic cracking	Petroleum Gases
364	71329-37-8	Residues, (petroleum), catalytic cracking depropanizer, C4-rich ..C3-5	Petroleum Gases
365	71808-30-5	Tail gas, (petroleum), thermal cracking absorber	Petroleum Gases
366	74-82-8	Methane	Petroleum Gases
367	74-84-0	Ethane	Petroleum Gases
368	74-98-6	Propane, liquefied C3H8	Petroleum Gases
369	75-28-5	Isobutane	Petroleum Gases
370	78-78-4	Pentane (ISO)	Petroleum Gases
371	8006-14-2	Natural gas	Petroleum Gases
372	8006-20-0	Fuel gases, producer gas	Petroleum Gases
373	1338-24-5	Naphthenic acids	Reclaimed Substances

374	64742-24-1	Sludges (petroleum), acid	Reclaimed Substances
375	64742-40-1	Neutralizing agents, petroleum, spent sodium hydroxide	Reclaimed Substances
376	64754-89-8	Naphthenic acids, petroleum, crude	Reclaimed Substances
377	68476-53-9	Hydrocarbons, C _{>=20} , petroleum wastes	Reclaimed Substances
378	68477-26-9	Wastes, petroleum	Reclaimed Substances
379	68815-21-4	Tar acids, cresylic, sodium salts, caustic solns.	Reclaimed Substances
380	68918-73-0	Residues (petroleum), clay-treating filter wash	Reclaimed Substances
381	68955-96-4	Disulfides, dialkyl and di-Ph, naphtha sweetening	Reclaimed Substances
382	68956-48-9	Fuel oil, residual wastewater skimmings	Reclaimed Substances
383	68956-70-7	Petroleum products, C5-12, reclaimed, wastewater treatment	Reclaimed Substances
384	63231-60-7	Paraffin waxes and hydrocarbon waxes, microcryst.	Waxes
385	64742-42-3	Hydrocarbon waxes (petroleum), clay-treated microcryst.	Waxes
386	64742-43-4	Paraffin waxes (petroleum), clay-treated	Waxes
387	64742-51-4	Paraffin waxes (petroleum), hydrotreated	Waxes
388	64742-60-5	Hydrocarbon waxes (petroleum), hydrotreated microcryst.	Waxes
389	64742-61-6	Slack wax (petroleum)	Waxes
390	8002-74-2	Paraffin waxes and Hydrocarbon waxes	Waxes
391	8009-03-8	Petrolatum	Waxes