

Substance Name	CAS No.	EC No.	Chemical groups	Functional Groups
				"NA" means no information found in sources to decide on a group proposal
Distillates (coal tar), heavy oils	90640-86-1	292-607-4	Anthracene oils	NA
Aromatic hydrocarbons, C6-10, C8-rich	90989-41-6	292-697-5	Aromatic hydrocarbons	NA
Aromatic hydrocarbons, C8	90989-38-1	292-694-9	Aromatic hydrocarbons	NA
Aromatic hydrocarbons, C9-12, benzene distn.	92062-36-7	295-551-9	Aromatic hydrocarbons	NA
Benzene	71-43-2	200-753-7	Aromatic hydrocarbons	NA
Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	Coal derivates	NA
anthracene oil, anthracene paste, distn. lights	91995-17-4	295-278-5	Coal derivates	NA
Anthracene oil, anthracene-low	90640-82-7	292-604-8	Coal derivates	NA
Aromatic hydrocarbons, C6-8, naphtharaffinate pyrolyzate-derived	68475-70-7	270-658-3	Petroleum derivates	NA
Aromatic hydrocarbons, C7-12, C8-rich	93571-75-6	297-401-8	Petroleum derivates	NA
Aromatic hydrocarbons, C8, catalytic reforming-derived	91995-18-5	295-279-0	Petroleum derivates	NA
butane	106-97-8	203-448-7	Petroleum derivates	NA
Distillates (petroleum), acid-treated light paraffinic	64742-21-8	265-121-5	Petroleum derivates	NA
Distillates (petroleum), C6-rich	93165-19-6	296-903-4	Petroleum derivates	NA
Distillates (petroleum), catalytic reformed depentanizer	68475-79-6	270-660-4	Petroleum derivates	NA
Distillates (petroleum), clay-treated heavy naphthenic	64742-44-5	265-146-1	Petroleum derivates	NA
Distillates (petroleum), cracked steam-cracked petroleum distillates	68477-38-3	270-727-8	Petroleum derivates	NA
Distillates (petroleum), dewaxed light paraffinic, hydrotreated	91995-40-3	295-301-9	Petroleum derivates	NA

Distillates (petroleum), heat-soaked steam-cracked naphtha, C5-rich	91995-41-4	295-302-4	Petroleum derivates	NA
Distillates (petroleum), heavy hydrocracked	64741-76-0	265-077-7	Petroleum derivates	NA
Distillates (petroleum), heavy steam-cracked	101631-14-5	309-939-3	Petroleum derivates	NA
Distillates (petroleum), hydrodesulfurized middle	64742-80-9	265-183-3	Petroleum derivates	NA
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	265-155-0	Petroleum derivates	NA
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	265-157-1	Petroleum derivates	NA
Distillates (petroleum), hydrotreated light naphthenic	64742-53-6	265-156-6	Petroleum derivates	NA
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	265-158-7	Petroleum derivates	NA
Distillates (petroleum), hydrotreated middle	64742-46-7	265-148-2	Petroleum derivates	NA
Distillates (petroleum), light distillate hydrotreating process, low-boiling	68410-97-9	270-093-2	Petroleum derivates	NA
Distillates (petroleum), light steam-cracked naphtha	68475-80-9	270-662-5	Petroleum derivates	NA
Distillates (petroleum), light straight-run gasoline fractionation stabilizer overheads	68921-08-4	272-931-2	Petroleum derivates	NA
Distillates (petroleum), naphtha steam cracking-derived, hydrotreated light arom.	91995-50-5	295-311-3	Petroleum derivates	NA
Distillates (petroleum), polymd. steam-cracked petroleum distillates, C5-12 fraction	68477-50-9	270-735-1	Petroleum derivates	NA
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	265-169-7	Petroleum derivates	NA
Distillates (petroleum), solvent-dewaxed light paraffinic	64742-56-9	265-159-2	Petroleum derivates	NA

Distillates (petroleum), solvent-refined heavy naphthenic	64741-96-4	265-097-6	Petroleum derivates	NA
Distillates (petroleum), solvent-refined heavy paraffinic	64741-88-4	265-090-8	Petroleum derivates	NA
Distillates (petroleum), solvent-refined hydrotreated heavy, hydrogenated	94733-08-1	305-588-5	Petroleum derivates	NA
Distillates (petroleum), solvent-refined light naphthenic	64741-97-5	265-098-1	Petroleum derivates	NA
Distillates (petroleum), solvent-refined light paraffinic	64741-89-5	265-091-3	Petroleum derivates	NA
Distillates (petroleum), steam-cracked, C5-12 fraction	68477-53-2	270-736-7	Petroleum derivates	NA
Distillates (petroleum), straight-run light	68410-05-9	270-077-5	Petroleum derivates	NA
Distillates (petroleum), sweetened middle	64741-86-2	265-088-7	Petroleum derivates	NA
Extracts (petroleum), catalytic reformed light naphtha solvent	91995-68-5	295-331-2	Petroleum derivates	NA
Extracts (petroleum), heavy paraffinic distillate solvent	64742-04-7	265-103-7	Petroleum derivates	NA
Extracts (petroleum), solvent-refined heavy paraffinic distillate solvent	68783-04-0	272-180-0	Petroleum derivates	NA
Foots oil (petroleum)	64742-67-2	265-171-8	Petroleum derivates	NA
Foots oil (petroleum), clay-treated	93924-32-4	300-226-2	Petroleum derivates	NA
Foots oil (petroleum), hydrotreated	92045-12-0	295-394-6	Petroleum derivates	NA
Gas oils (petroleum), hydrodesulfurized	64742-79-6	265-182-8	Petroleum derivates	NA
Gas oils (petroleum), steam-cracked	68527-18-4	271-260-2	Petroleum derivates	NA
Gas oils, paraffinic	93924-33-5	300-227-8	Petroleum derivates	NA
Hydrocarbons, C <sub>5</sub> +, C <sub>5</sub> -6-rich	68476-50-6	270-690-8	Petroleum derivates	NA
Hydrocarbons, C <sub>17</sub> -30, hydrotreated distillates, distn. lights	97862-82-3	308-132-3	Petroleum derivates	NA
Hydrocarbons, C <sub>3</sub> -11, catalytic cracker distillates	68476-46-0	270-686-6	Petroleum derivates	NA
Hydrocarbons, C <sub>4</sub> -11, naphtha-cracking, arom.-free	92045-63-1	295-445-2	Petroleum derivates	NA
Hydrocarbons, C <sub>4</sub> -6, depentanizer lights, arom. hydrotreater	91995-38-9	295-298-4	Petroleum derivates	NA

Hydrocarbons, C5-11, nonaroms.-rich, reforming light fraction	93572-36-2	297-466-2	Petroleum derivates	NA
Hydrocarbons, C5-rich	68476-55-1	270-695-5	Petroleum derivates	NA
Hydrocarbons, C6-7, naphtha-cracking, solvent-refined	92045-64-2	295-446-8	Petroleum derivates	NA
Hydrocarbons, C6-rich, hydrotreated light naphtha distillates, solvent-refined	101316-67-0	309-871-4	Petroleum derivates	NA
Hydrocarbons, C7-12, C>9-arom.-rich, reforming heavy fraction	93572-35-1	297-465-7	Petroleum derivates	NA
isobutane	75-28-5	200-857-2	Petroleum derivates	NA
Lubricating oils	74869-22-0	278-012-2	Petroleum derivates	NA
Lubricating oils (petroleum), base oils, paraffinic	93572-43-1	297-474-6	Petroleum derivates	NA
Lubricating oils (petroleum), C>25, solvent-extd., deasphalted, dewaxed, hydrogenated	101316-69-2	309-874-0	Petroleum derivates	NA
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0	276-737-9	Petroleum derivates	NA
Lubricating oils (petroleum), C18-40, solvent-dewaxed hydrocracked distillate-based	94733-15-0	305-594-8	Petroleum derivates	NA
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	276-738-4	Petroleum derivates	NA
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, high-viscosity	72623-85-9	276-736-3	Petroleum derivates	NA
Lubricating oils (petroleum), C24-50, solvent-extd., dewaxed, hydrogenated	101316-72-7	309-877-7	Petroleum derivates	NA
Naphtha	8030-30-6	232-443-2	Petroleum derivates	NA
Naphtha (petroleum), arom	68603-08-7	271-635-0	Petroleum derivates	NA
Naphtha (petroleum), catalytic dewaxed	64742-66-1	265-170-2	Petroleum derivates	NA
Naphtha (petroleum), catalytic reformed	68955-35-1	273-271-8	Petroleum derivates	NA
Naphtha (petroleum), catalytic reformed light, arom.-free fraction	85116-59-2	285-510-3	Petroleum derivates	NA
Naphtha (petroleum), full-range alkylate	64741-64-6	265-066-7	Petroleum derivates	NA

Naphtha (petroleum), full-range alkylate, butane-contg.	68527-27-5	271-267-0	Petroleum derivates	NA
Naphtha (petroleum), full-range coker	68513-02-0	270-991-4	Petroleum derivates	NA
Naphtha (petroleum), full-range reformed	68919-37-9	272-895-8	Petroleum derivates	NA
Naphtha (petroleum), full-range straight-run	64741-42-0	265-042-6	Petroleum derivates	NA
Naphtha (petroleum), heavy catalytic cracked	64741-54-4	265-055-7	Petroleum derivates	NA
Naphtha (petroleum), heavy catalytic cracked, sweetened	92045-50-6	295-431-6	Petroleum derivates	NA
Naphtha (petroleum), heavy catalytic reformed	64741-68-0	265-070-9	Petroleum derivates	NA
Naphtha (petroleum), heavy hydrocracked	64741-78-2	265-079-8	Petroleum derivates	NA
Naphtha (petroleum), heavy straight-run	64741-41-9	265-041-0	Petroleum derivates	NA
Naphtha (petroleum), heavy thermal cracked	64741-83-9	265-085-0	Petroleum derivates	NA
Naphtha (petroleum), hydrodesulfurized full-range	92045-52-8	295-433-7	Petroleum derivates	NA
Naphtha (petroleum), hydrodesulfurized full-range coker	101316-76-1	309-879-8	Petroleum derivates	NA
Naphtha (petroleum), hydrodesulfurized heavy	64742-82-1	265-185-4	Petroleum derivates	NA
Naphtha (petroleum), hydrodesulfurized light	64742-73-0	265-178-6	Petroleum derivates	NA
Naphtha (petroleum), hydrodesulfurized light, dearomatized	92045-53-9	295-434-2	Petroleum derivates	NA
Naphtha (petroleum), hydrotreated heavy	64742-48-9	265-150-3	Petroleum derivates	NA
Naphtha (petroleum), hydrotreated light	64742-49-0	265-151-9	Petroleum derivates	NA
Naphtha (petroleum), hydrotreated light steam-cracked	92045-57-3	295-438-4	Petroleum derivates	NA
Naphtha (petroleum), isomerization	64741-70-4	265-073-5	Petroleum derivates	NA
Naphtha (petroleum), isomerization, C6-fraction	92045-58-4	295-440-5	Petroleum derivates	NA
Naphtha (petroleum), light alkylate	64741-66-8	265-068-8	Petroleum derivates	NA

Naphtha (petroleum), light catalytic cracked	64741-55-5	265-056-2	Petroleum derivates	NA
Naphtha (petroleum), light catalytic cracked sweetened	92045-59-5	295-441-0	Petroleum derivates	NA
Naphtha (petroleum), light catalytic reformed	64741-63-5	265-065-1	Petroleum derivates	NA
Naphtha (petroleum), light catalytic reformed, arom.-free	68513-03-1	270-993-5	Petroleum derivates	NA
Naphtha (petroleum), light hydrocracked	64741-69-1	265-071-4	Petroleum derivates	NA
Naphtha (petroleum), light steam-cracked	64742-83-2	265-187-5	Petroleum derivates	NA
Naphtha (petroleum), light steam-cracked arom.	68527-23-1	271-264-4	Petroleum derivates	NA
Naphtha (petroleum), light steam-cracked, debenzenized	68527-26-4	271-266-5	Petroleum derivates	NA
Naphtha (petroleum), light straight-run	64741-46-4	265-046-8	Petroleum derivates	NA
Naphtha (petroleum), light thermal cracked	64741-74-8	265-075-6	Petroleum derivates	NA
Naphtha (petroleum), light, C5-rich, sweetened	92045-60-8	295-442-6	Petroleum derivates	NA
Naphtha (petroleum), light, sweetened	68783-66-4	272-206-0	Petroleum derivates	NA
Naphtha (petroleum), solvent-refined heavy	64741-92-0	265-095-5	Petroleum derivates	NA
Naphtha (petroleum), solvent-refined light	64741-84-0	265-086-6	Petroleum derivates	NA
Naphtha (petroleum), steam-cracked middle arom.	68516-20-1	271-138-9	Petroleum derivates	NA
Naphtha (petroleum), sweetened	64741-87-3	265-089-2	Petroleum derivates	NA
Naphtha (petroleum), sweetened light	101795-01-1	309-976-5	Petroleum derivates	NA
Naphtha (petroleum), unsweetened	68783-12-0	272-186-3	Petroleum derivates	NA
Naphthenic oils (petroleum), catalytic dewaxed heavy	64742-68-3	265-172-3	Petroleum derivates	NA
Paraffin oils (petroleum), catalytic dewaxed heavy	64742-70-7	265-174-4	Petroleum derivates	NA
Paraffin oils (petroleum), catalytic dewaxed light	64742-71-8	265-176-5	Petroleum derivates	NA

Petrolatum	8009-03-8	232-373-2	Petroleum derivates	NA
Petrolatum (petroleum), clay-treated	100684-33-1	309-706-6	Petroleum derivates	NA
Petrolatum (petroleum), hydrotreated	92045-77-7	295-459-9	Petroleum derivates	NA
Petrolatum (petroleum), oxidized	64743-01-7	265-206-7	Petroleum derivates	NA
Residual oils (petroleum), catalytic dewaxed	91770-57-9	294-843-3	Petroleum derivates	NA
Residual oils (petroleum), hydrotreated	64742-57-0	265-160-8	Petroleum derivates	NA
Residual oils (petroleum), hydrotreated solvent dewaxed	90669-74-2	292-656-1	Petroleum derivates	NA
Residual oils (petroleum), solvent deasphalted	64741-95-3	265-096-0	Petroleum derivates	NA
Residual oils (petroleum), solvent-dewaxed	64742-62-7	265-166-0	Petroleum derivates	NA
Residual oils (petroleum), solvent-refined	64742-01-4	265-101-6	Petroleum derivates	NA
Residues (petroleum), steam-cracked	64742-90-1	265-193-8	Petroleum derivates	NA
Residues (petroleum), steam-cracked light	68513-69-9	271-013-9	Petroleum derivates	NA
Residues (petroleum), steam-cracked light, arom.	102110-55-4	310-057-6	Petroleum derivates	NA
Residues, steam cracked, thermally treated	98219-64-8	308-733-0	Petroleum derivates	NA
Slack wax (petroleum)	64742-61-6	265-165-5	Petroleum derivates	NA
Slack wax (petroleum), clay-treated	90669-78-6	292-660-3	Petroleum derivates	NA
Slack wax (petroleum), hydrotreated	92062-09-4	295-523-6	Petroleum derivates	NA
Solvent naphtha (petroleum), light aliph.	64742-89-8	265-192-2	Petroleum derivates	NA
Solvent naphtha (petroleum), light arom.	64742-95-6	265-199-0	Petroleum derivates	NA
Creosote oil, acenaphthene fraction	90640-84-9	292-605-3	Coal derivates	NA
Extract residues (coal), light oil alk., acid ext., indene fraction	101316-62-5	309-867-2	Coal derivates	NA
Pitch, coal tar, high-temp., heat-treated	121575-60-8	310-162-7	Coal derivates	NA
Solvent naphtha (coal)	65996-79-4	266-013-0	Coal derivates	NA
Solvent naphtha (coal), xylene-styrene cut	85536-20-5	287-502-5	Coal derivates	NA
Tar acids, methylphenol fraction	84989-04-8	284-892-9	Coal derivates	NA
Tar acids, xylenol fraction	84989-06-0	284-895-5	Coal derivates	NA

Benz[a]anthracene	56-55-3	200-280-6	Polyaromatic Hydrocarbons (PAHs)	NA
Benz[e]acephenanthrylene	205-99-2	205-911-9	Polyaromatic Hydrocarbons (PAHs)	NA
Benzo[a]pyrene	50-32-8	200-028-5	Polyaromatic Hydrocarbons (PAHs)	NA
Benzo[e]pyrene	192-97-2	205-892-7	Polyaromatic Hydrocarbons (PAHs)	NA
Benzo[j]fluoranthene	205-82-3	205-910-3	Polyaromatic Hydrocarbons (PAHs)	NA
Benzo[k]fluoranthene	207-08-9	205-916-6	Polyaromatic Hydrocarbons (PAHs)	NA
Chrysene	218-01-9	205-923-4	Polyaromatic Hydrocarbons (PAHs)	NA
Dibenz[a,h]anthracene	53-70-3	200-181-8	Polyaromatic Hydrocarbons (PAHs)	NA