

HSPA Category	HSPA Substance Name	Reach Registration provisional EC No.		Related CAS No.(s)	Related CAS No.(s) Substance Name
C9 Aromatics	Hydrocarbons, C9, aromatics	918-668-5	→	64742-95-6	Solvent naphtha (petroleum), light aromatic
C10-12 Aromatics	Hydrocarbons, C10, aromatics, >1% naphthalene	919-284-0	→	64742-94-5	Solvent naphtha (petroleum), heavy aromatic
C10-12 Aromatics	Hydrocarbons, C10, aromatics, <1% naphthalene	918-811-1	→	64742-94-5	Solvent naphtha (petroleum), heavy aromatic
C10-12 Aromatics	Hydrocarbons, C10-C13, aromatics, <1% naphthalene	922-153-0	→	64742-94-5	Solvent naphtha (petroleum), heavy aromatic
C10-12 Aromatics	Hydrocarbons, C10-C13, aromatics, >1% naphthalene	926-273-4	→	64742-94-5	Solvent naphtha (petroleum), heavy aromatic
C9-14 Aliphatics (2-25% aromatics)	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	927-344-2	→	64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy
C9-14 Aliphatics (2-25% aromatics)	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	919-164-8	→	64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy
C9-14 Aliphatics (2-25% aromatics)	Hydrocarbons, C8-12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	928-136-4	→	64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy; Low boiling point hydrogen treated naphtha
C9-14 Aliphatics (2-25% aromatics)	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	919-446-0	→	64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy
			→	64742-88-7	Solvent naphtha (petroleum), medium aliphatic
C9-14 Aliphatics (2-25% aromatics)	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	925-653-7	→	64742-81-0	Kerosine (petroleum), hydrodesulfurized
C14-20 Aliphatics (2-30% aromatic)	Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30%)	920-360-0	→	64741-44-2	Distillates (petroleum), straight-run middle
			→	64742-13-8	Distillates (petroleum), acid-treated middle
			→	64742-81-0	Kerosine (petroleum), hydrodesulfurized
			→	64742-80-9	Distillates (petroleum), hydrodesulfurized middle
			→	64741-77-1	Distillates (petroleum), light hydrocracked
			→	64741-76-0	Distillates (petroleum), heavy hydrocracked
C14-20 Aliphatics (2-30% aromatic)	Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, aromatics (2-30%)	919-006-8	→	64741-44-2	Distillates (petroleum), straight-run middle
			→	64742-13-8	Distillates (petroleum), acid-treated middle
			→	68915-96-8	Distillates (petroleum), heavy straight-run
			→	64742-80-9	Distillates (petroleum), hydrodesulfurized middle
			→	64742-80-9	Distillates (petroleum), hydrodesulfurized middle

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			→	64741-77-1	Distillates (petroleum), light hydrocracked
			→	64741-76-0	Distillates (petroleum), heavy hydrocracked
C5 Aliphatics	Normal-Pentane	203-692-4	→	109-66-0	Pentane
C5 Aliphatics	ISO-Pentane	201-142-8	→	78-78-4	2-methylbutane
C5 Aliphatics	Cyclopentane	206-016-6	→	287-92-3	Cyclopentane
			→	109-66-0	Pentane
C5 Aliphatics	Hydrocarbons, C5, n-alkanes, isoalkanes	921-577-3	→	64742-49-0	Naphtha (petroleum), hydrotreated light
			→	68476-55-1	Hydrocarbons, C5-rich
C6 Aliphatics	Normal-Hexane	203-777-6	→	92112-69-1	Hexane,-branched-and-linear-
			→	110-54-3	Hexane
C6 Aliphatics	Hydrocarbons, C6, isoalkanes, <5% n-hexane	931-254-9	→	64742-49-0	Naphtha (petroleum), hydrotreated light
C6 Aliphatics	Hydrocarbons, C6, n-alkanes, isoalkanes, cyclics, n-hexane rich	925-292-5	→	64742-49-0	Naphtha (petroleum), hydrotreated light
			→	93165-19-6	Distillates (petroleum), C6-rich
			→	92112-69-1	Hexane,-branched-and-linear-
C6 Aliphatics	Hydrocarbons, C6-C7, isoalkanes, cyclics, < 5% n-hexane	926-605-8	→	92062-15-2	Solvent naphtha (petroleum), hydrotreated light naphthenic
			→	64742-49-0	Naphtha (petroleum), hydrotreated light
C6 Aliphatics	Hydrocarbons, C5-C7, n-alkanes, isoalkanes, n-hexane rich	930-397-4	→	64771-72-8	Paraffins (petroleum), normal C5-20
C7-9 Aliphatics	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	927-510-4	→	64742-49-0	Naphtha (petroleum), hydrotreated light
			→	92045-53-9	Naphtha (petroleum), hydrodesulphurized light, dearomatized
			→	142-82-5	Heptane
			→	108-87-2	Cyclohexane, Methyl -
C7-9 Aliphatics	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, > 5% n-hexane	924-168-8	→	64742-49-0	Naphtha (petroleum), hydrotreated light
			→	64742-89-8	Solvent naphtha (petroleum), light aliph.
C7-9 Aliphatics	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane	921-024-6	→	64742-49-0	Naphtha (petroleum), hydrotreated light
			→	64741-84-0	Naphtha (petroleum), solvent-refined light
C7-9 Aliphatics	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	920-750-0	→	64742-49-0	Naphtha (petroleum), hydrotreated light
			→	64771-72-8	Paraffins (petroleum), normal C5-20
C7-9 Aliphatics	Hydrocarbons, C6-C10, n-alkanes, isoalkanes, > 5% n-hexane	920-191-2	→	90622-50-7	Alkanes, C4-10-branched and linear
C7-9 Aliphatics	Hydrocarbons, C7-C9, isoalkanes	921-728-3	→	90622-56-3	Alkanes, C7-10-iso-
			→	64742-48-9	Naphtha (petroleum), hydrotreated heavy
			→	70024-92-9	Alkanes, C7-C8 iso

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C7-9 Aliphatics	Hydrocarbons, C7-C8, cyclics	927-033-1	→	1678-91-7	Cyclohexane, Ethyl -
			→	108-87-2	Cyclohexane, Methyl -
			→	583-57-3	1,2-Dimethylcyclohexane
C7-9 Aliphatics	Methyl cyclohexane	203-624-3	→	108-87-2	Cyclohexane, Methyl -
C7-9 Aliphatics	Normal-Heptane	205-563-8	→	142-82-5	Heptane
C7-9 Aliphatics	Iso-Heptane	250-610-8	→	31394-54-4	Isoheptane
C7-9 Aliphatics	Normal-Octane	203-892-1	→	111-65-9	Octane
C7-9 Aliphatics	Iso-Octane	208-759-1	→	540-84-1	2,2,4-Trimethylpentane
C7-9 Aliphatics	Nonane	203-913-4	→	111-84-2	Nonane
C9-14 Aliphatics (<=2% aromatic)	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	919-857-5	→	64742-48-9	Naphtha (petroleum), hydrotreated heavy
			→	64771-72-8	Paraffins (petroleum), normal C5-20
C9-14 Aliphatics (<=2% aromatic)	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics	927-241-2	→	64742-48-9	Naphtha (petroleum), hydrotreated heavy
			→	64742-49-0	Naphtha (petroleum), hydrotreated light
C9-14 Aliphatics (<=2% aromatic)	Hydrocarbons, C9-C11, isoalkanes, cyclics, < 2% aromatics	920-134-1	→	64742-48-9	Naphtha (petroleum), hydrotreated heavy
			→	68551-16-6	Alkanes, C9-11 iso
C9-14 Aliphatics (<=2% aromatic)	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	918-481-9	→	64742-48-9	Naphtha (petroleum), hydrotreated heavy
C9-14 Aliphatics (<=2% aromatic)	Hydrocarbons, C10-C13, isoalkanes, cyclics, < 2% aromatics	918-317-6	→	64742-48-9	Naphtha (petroleum), hydrotreated heavy
			→	68551-19-9	Alkanes, C12-14-iso-
			→	90622-57-4	Alkanes, C9-12-iso-
			→	68551-17-7	Alkanes, C10-13 iso
C9-14 Aliphatics (<=2% aromatic)	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	926-141-6	→	64742-47-8	Distillates (petroleum), hydrotreated light
			→	64742-48-9	Naphtha (petroleum), hydrotreated heavy
C9-14 Aliphatics (<=2% aromatic)	Hydrocarbons, C13-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics	917-488-4	→	64742-47-8	Distillates (petroleum), hydrotreated light
C9-14 Aliphatics (<=2% aromatic)	Hydrocarbons, C12-C16, isoalkanes, cyclics, < 2% aromatics	927-676-8	→	64742-47-8	Distillates (petroleum), hydrotreated light
C9-14 Aliphatics (<=2% aromatic)	Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics	920-107-4	→	64742-47-8	Distillates (petroleum), hydrotreated light
			→	64742-48-9	Naphtha (petroleum), hydrotreated heavy
C9-14 Aliphatics (<=2% aromatic)	Hydrocarbons, C11-C14, isoalkanes, cyclics, < 2% aromatics	927-285-2	→	64742-47-8	Distillates (petroleum), hydrotreated light
			→	90622-58-5	Alkanes, C11-15-iso-
			→	68551-17-7	Alkanes, C10-13-iso-
			→	68551-19-9	Alkanes, C12-14 iso
C9-14 Aliphatics (<=2% aromatic)	Hydrocarbons, C10-C12, isoalkanes, < 2% aromatics	923-037-2	→	90622-57-4	Alkanes, C9-12-iso-
			→	64741-65-7	Naphtha (petroleum), heavy alkylate
C9-14 Aliphatics (<=2% aromatic)	Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics	918-167-1	→	90622-58-5	Alkanes, C11-15-iso-
			→	90622-57-4	Alkanes, C9-12-iso-
			→	64741-65-7	Naphtha (petroleum), heavy alkylate
C9-14 Aliphatics (<=2% aromatic)	Hydrocarbons, C11-C13, isoalkanes, < 2% aromatics	920-901-0	→	90622-58-5	Alkanes, C11-15-iso-
C9-14 Aliphatics (<=2% aromatic)	Hydrocarbons, C10-C13, n-alkanes, < 2% aromatics	929-018-5	→	93924-07-3	Alkanes, C10-14
			→	64771-72-8	Paraffins (Petroleum), normal C5-20

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			→	93924-07-3	Alkanes, C10-14
			→	64771-71-7	Paraffins (petroleum), normal C>10
C9-14 Aliphatics (<=2% aromatic)	Hydrocarbons, C9-C11, cyclics, < 2% aromatics	925-894-8	→	64742-48-9	Naphtha (petroleum), hydrotreated heavy
C9-14 Aliphatics (<=2% aromatic)	Decane	204-686-4	→	124-18-5	Decane
			→	93924-07-3	Alkanes, C10-14
C9-14 Aliphatics (<=2% aromatic)	Undecane	214-300-6	→	1120-21-4	Undecane
	Dodecane	203-967-9	→	112-40-3	Dodecane
C9-14 Aliphatics (<=2% aromatic)	Tridecane	211-093-4	→	629-50-5	Tridecane
	Tetradecane	211-096-0	→	629-59-4	Tetradecane
C9-14 Aliphatics (<=2% aromatic)	Isododecane	297-629-8	→	93685-81-5	Hydrocarbons, C4, 1,3-butadiene-free, polymd., triisobutylene fraction, hydrogenated
			→	31807-55-3	Isododecane
C9-14 Aliphatics (<=2% aromatic)	Hydrocarbons, C10-C14, n-alkanes, isoalkanes, <2% aromatic	920-274-3	→	93924-07-3	Alkanes, C10-14
C14-20 Aliphatics (<=2% aromatic)	Hydrocarbons, C13-C18, n-alkanes, isoalkanes, cyclics, < 2% aromatics	928-253-0	→	64742-47-8	Distillates (petroleum), hydrotreated light
			→	64742-46-7	Distillates (petroleum), hydrotreated middle
C14-20 Aliphatics (<=2% aromatic)	Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, < 2% aromatics	927-632-8	→	64741-91-9	Distillates (petroleum), solvent-refined middle
			→	64742-47-8	Distillates (petroleum), hydrotreated light
			→	64742-46-7	Distillates (petroleum), hydrotreated middle
C14-20 Aliphatics (<=2% aromatic)	Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, < 2% aromatics	919-029-3	→	64741-91-9	Distillates (petroleum), solvent-refined middle
			→	64742-46-7	Distillates (petroleum), hydrotreated middle
C14-20 Aliphatics (<=2% aromatic)	Hydrocarbons, C13-C16, isoalkanes, cyclics, < 2% aromatics	918-973-3	→	64742-47-8	Distillates (petroleum), hydrotreated light
			→	68551-20-2	Alkanes, C13-16 iso
C14-20 Aliphatics (<=2% aromatic)	Hydrocarbons, C14-C19, isoalkanes, cyclics, < 2% aromatics	920-114-2	→	64742-46-7	Distillates (petroleum), hydrotreated middle
			→	64742-55-8	Distillates (petroleum), hydrotreated light paraffinic
C14-20 Aliphatics (<=2% aromatic)	Hydrocarbons, C14-C17, n-alkanes, < 2% aromatics	917-828-1	→	90622-46-1	Alkanes, C14-16
			→	64771-72-8	Paraffins (Petroleum), normal C5-20
C14-20 Aliphatics (<=2% aromatic)	Hydrocarbons, C14-C20, n-alkanes, < 2% aromatics	923-583-1	→	64771-72-8	Paraffins (petroleum), normal C5-20
C14-20 Aliphatics (<=2% aromatic)	Pentadecane	211-098-1	→	629-62-9	Pentadecane
C14-20 Aliphatics (<=2% aromatic)	Hexadecane (n-Hexadecane)	Pre-registration 208-878-9 Reg. 2018	→	544-76-3	Hexadecane
C14-20 Aliphatics (<=2% aromatic)	Hexadecane (iso-hexadecane)	297-628-2	→	93685-80-4	Hydrocarbons, C4, 1,3-butadiene-free, polymd., tetraisobutylene fraction, hydrogenated

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C14-20 Aliphatics (<=2% aromatic)	Heptadecane	Pre-registration 211-108-4 Reg. 2018	→	629-78-7	Heptadecane
C14-20 Aliphatics (<=2% aromatic)	Octadecane	Pre-registration 209-790-3 Reg. 2018	→	593-45-3	octadecane
C14-20 Aliphatics (<=2% aromatic)	Icosane (isoicosane)	Pre- registration 297-627-7 Reg. 2013	→	93685-79-1	Hydrocarbons, C4, 1,3-butadiene-free, polymd., pentaisobutylene fraction, hydrogenated
C14-20 Aliphatics (<=2% aromatic)	Icosane (n-icosane)	204-018-1	→	112-95-8	Eicosane
C14-20 Aliphatics (<=2% aromatic)	Hydrocarbons, C14-C20, n-alkanes, isoalkanes, <2% aromatics	931-265-9	→	90622-53-0	Alkanes, C12-26-branched and linear
			→	90622-46-1	Alkanes, C14-16
			→	90622-48-3	Alkanes, C18-20