

Aromatics & Styrenics

Date of revision : 26 August 2019

PRODUCT GROUP	PRODUCT LINE	PRODUCTS	EINECS	Type	Pre- Reg	Reg	Registration Deadline	Intended Use(s)
Aromatics & Styrenics	Aromatics	Benzene	200-753-7	Intermediate	x	x	2010	No Exposure Scenario Needed
Aromatics & Styrenics	Aromatics	Cyclohexane	203-806-2	Substance	x	x	2010	Cyclohexane
Aromatics & Styrenics	Styrenics	Styrene	202-851-5	Substance	x	x	2010	Styrene

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INTENDED USES FROM CHEVRON PHILLIPS CHEMICALS

Product name **Cyclohexane**
 EC number 203-806-2
 CAS number 110-82-7



GES#	General Exposure Scenario Title (GES)	Area of Application / UD	Scope	Applicable Process Categories (PROC) or Product Categories (PC)	Environmental Release Category
1	Manufacture of substance	Industrial (SU3, SU8, SU9)	Manufacture of the substance or use as a process chemical or extraction agent. Includes recycling/recovery, material transfers, storage, maintenance and loading (including marine vessel/barge, road/rail car and bulk container), sampling and associated laboratory activities.	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC15	ERC1, ERC4, ERC6a
		Professional (SU22)	Not applicable		
		Consumer (SU21)	Not applicable		
1A	Distribution of the substance	Industrial (SU3, SU8, SU9)	Loading (including marine vessel/barge, rail/road car and IBC loading) and repacking (including drums and small packs) of substance, including its sampling, storage, unloading and associated laboratory activities.	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC 9, PROC15	ERC1, ERC2
		Professional (SU22)	Not applicable		
		Consumer (SU21)	Not applicable		
1B	Use as Intermediate	Industrial (SU3, SU8, SU9)	Use as an isolated intermediate under strictly controlled conditions	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC 15	ERC6A
		Professional (SU22)	Not applicable		
		Consumer (SU21)	Not applicable		

2	Formulation & (re)packing of substances and mixtures	Industrial (SU3, SU10)	Formulation, packing and re-packing of the substance and its mixtures in batch or continuous operations, including storage , materials transfer, mixing, tableting, compression, pelletisation, extrusion, large and small scale packing, sampling, maintenance and associated laboratory activities.	PROC1, PROC2, PROC3, PROC4, PROC5, PROC8a, PROC8b, PROC9, PROC14, PROC15	ERC2
		Professional (SU22)	Not applicable		
		Consumer (SU21)	Not applicable		
3	Uses in coatings	Industrial (SU3)	Covers the use in coatings (paints, inks, adhesives, etc) including exposures during use (including materials receipt, storage, preparation and transfer from bulk and semi bulk, application by spray, roller, spreader, dip, flow, fluidised bed on production lines and film formation) and equipment cleaning, maintenance and associated laboratory activities.	PROC1, PROC2, PROC3, PROC4, PROC5, PROC7, PROC8a, PROC8b, PROC10, PROC13, PROC 14, PROC15	ERC4
		Professional (SU22)	Covers the use in coatings (paints, inks, adhesives, etc) including exposures during use (including materials receipt, storage, preparation and transfer from bulk and semi bulk, application by spray, roller, spreader by hand or similar methods, and film formation), and equipment cleaning, maintenance and associated laboratory activities.	PROC1, PROC2, PROC3, PROC4, PROC5, PROC8a, PROC8b, PROC10, PROC11, PROC13	ERC8a, ERC8d
		Consumer (SU21)	not applicable		
9	Use in Cleaning Agents	Industrial (SU3)	Covers the use as a component of cleanign products including transfer from storage, pouring/unloading from drums or containers. Exposure during mixing/diluting in the preparatory phase and cleaning activities (including spraying, brushing, dipping, wiping, automated and by-hand) related equipment cleaning and maintenance.	PROC1, PROC2, PROC3, PROC4, PROC7, PROC8a, PROC8b, PROC10, PROC13	ERC4
		Professional (SU22)	not applicable		

	Consumer (SU21)	Not applicable		
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INTENDED USES FROM CHEVRON PHILLIPS CHEMICALS



Product name Styrene
EC number 202-851-5
CAS number 100-42-5

GES#	General Exposure Scenario Title (GES)	Area of Application / UD	Scope	Applicable Process Categories (PROC) or Product Categories (PC)	Environmental Release Category
1	Manufacture of substance	Industrial (SU3, SU8)	Manufacture of the substance or use as an intermediate or process chemical or extraction agent. Includes recycling/recovery, material transfers, storage, maintenance and loading (including marine vessel/barge, road/rail car and bulk container), sampling and associated laboratory activities.	PROC1, PROC2, PROC8a, PROC8b, PROC15	ERC1
		Professional (SU22)	Not Applicable		
		Consumer (SU21)	Not Applicable		
2	Continuous Mass Polymerisation of Polystyrene (HIPS and GPPS)	Industrial (SU3, SU12)	Manufacture of the substance or use as an intermediate or process chemical or extraction agent. Includes recycling/recovery, material transfers, storage, maintenance and loading (including marine vessel/barge, road/rail car and bulk container), sampling and associated laboratory activities.	PROC2, PROC8a, PROC8b, PROC14, PROC15	ERC6c
		Professional (SU22)	Not Applicable		
		Consumer (SU21)	Not Applicable		

3	Batch Suspension Polymerisation of Polystyrene (HIPS and GPPS)	Industrial (SU3, SU12)	Manufacture of the substance or use as an intermediate or process chemical or extraction agent. Includes recycling/recovery, material transfers, storage, maintenance and loading (including marine vessel/barge, road/rail car and bulk container), sampling and associated laboratory activities.	PROC2, PROC3, PROC8a, PROC8b, PROC15	ERC6c
		Professional (SU22)	Not Applicable		
		Consumer (SU21)	Not Applicable		
5	Production of Styrenic Copolymers	Industrial (SU3, SU12)	Manufacture of the substance or use as an intermediate or process chemical or extraction agent. Includes recycling/recovery, material transfers, storage, maintenance and loading (including marine vessel/barge, road/rail car and bulk	PROC2, PROC3, PROC8a, PROC8b, PROC15	ERC6c
		Professional (SU22)	Not Applicable		
		Consumer (SU21)	Not Applicable		

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