

Use Descriptor Set of Monomers

	Sector of use	Short description	Process category	Environment release category	Propylene CAS: 115-07-1	Ethylene CAS: 74-85-1	1,3-Butadiene CAS: 106-99-0
Manufacture of substance	Industrial (SU8, SU9)	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).	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC15	ERC1	✓	✓	✓
	Professional (SU22)	not applicable					
	Consumer (SU21)	not applicable					
Distribution of substance	Industrial (SU8, SU9)	Loading (including marine vessel/barge, rail/road car and IBC loading) and repacking (including drums and small packs) of substance, including its distribution.	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC9	ERC1 ERC2	✓	✓	✓
	Professional (SU22)	not applicable					
	Consumer (SU21)	not applicable					
Polymer production	Industrial (SU10)	Manufacture of polymers from monomers in continuous and batch processes, include sparging, discharging, and reactor maintenance and immediate polymer product formation (i.e. compounding, pelletisation, product off-gassing).	PROC1, PROC2, PROC3, PROC4, PROC5, PROC6, PROC8a, PROC8b, PROC14, PROC21	ERC3 ERC6C	✓	✓	✓
	Professional (SU22)	not applicable					
	Consumer (SU21)	not applicable					
Use as a fuel	Industrial (SU3)	Covers the use as a fuel (or fuel additive) and includes activities associated with its transfer, use, equipment maintenance and handling of waste.	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC19	ERC4	✓	✓	
	Professional (SU22)	not applicable					
	Consumer (SU21)	not applicable					