

ExxonMobil Supported Uses - Generic Use Mapping for Basestocks

Date Issued: March 2010

GES Title/ Scope	Sector of Use (SU)	Process Category (PROC) Chemical Product Category (PC)	Environmental Release Category (ERC)	Products Covered																
				API/E CORE 100	API/E CORE 150	API/E CORE 600	API/E CORE 2500	API/E SN 55	API/E SN 100 SP	API/E SN 130	ESN 130 LP	API/E SN 683 MES	API/E SN 700 SP	CANTHUS 1000	EHC 110	EHC 50	PLASTOL 537	PROWAX 991	VISOM 4	VISOM 6
1. Manufacture of substance <i>Manufacture of the substance or use as an intermediate or process chemical or extraction agent including recycling/recovery, material transfers, storage, maintenance and loading (including marine vessel/barge, road/rail car and bulk containers).</i>	Industrial SU 8, 9	PROC 1, 2, 3, 4, 5, 8a, 8b, 15 PC (N/A)	ERC 1	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
	Professional	Not applicable																		
	Consumer	Not applicable																		
2. Distribution of substance <i>Loading (including marine vessel/barge, rail/road car and bulk container loading) and repacking (including drums and small packs) of substance, including its distribution.</i>	Industrial SU 8, 9	PROC 2, 3, 8a, 8b, 9 PC (N/A)	ERC 1, 2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Professional	Not applicable																		
	Consumer	Not applicable																		
3. Formulation & (re)packing of substances and mixtures <i>Formulation, packing and re-packing of the substance and its mixtures in batch or continuous operations, including storage, materials transfers, mixing, large and small scale packing and maintenance.</i>	Industrial SU 10	PROC 1, 2, 3, 4, 5, 8a, 8b, 9, 15 PC 1, 9, 10, 12, 16, 17, 18, 22, 23, 24, 25, 27, 31, 32	ERC 2	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
	Professional	Not applicable																		
	Consumer	Not applicable																		
4. Polymer production <i>Manufacture of polymers from monomers in continuous and batch processes, include sparging, discharging, and reactor maintenance and immediate polymer product formation (i.e. compounding, pelletsation, product off-gassing).</i>	Industrial SU 10	PROC 1, 2, 3, 5, 6, 8a, 8b, 9, 14, 21 PC 32	ERC 3			✓									✓		✓			
	Professional	Not applicable																		
	Consumer	Not applicable																		
5. Lubricants <i>Covers the use of formulated lubricants in closed and open systems including transfer operations, operation of machinery/engines and similar articles, reworking on reject articles, equipment maintenance and disposal of waste oils.</i>	Industrial SU 3	PROC 1, 2, 3, 4, 5, 7, 8a, 8b, 9, 10, 13, 17, 18 PC 16, 17, 24, 25	ERC 4, 7	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Professional SU 22	PROC 1, 3, 4, 8a, 8b, 9, 10, 11, 13, 17, 18, 20 PC 16, 17, 24, 25	ERC 8A, 8D, 9A, 9B	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓			✓	✓
	Consumer SU 21	PROC (N/A) PC 1, 3, 4, 5, 9, 12, 13, 16, 17, 19, 22, 27, 28, 31, 35, 36, 37, 39, 6, 24	ERC 8A, 8D, 9A, 9B	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓			✓	✓
6. Uses in Coatings <i>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 and maintenance.</i>	Industrial SU 3	PROC 1, 2, 3, 5, 7, 8a, 8b, 10, 13 PC 1, 9, 10, 24, 31	ERC 4	✓	✓	✓	✓	✓	✓					✓	✓	✓			✓	✓
	Professional SU 22	PROC 1, 2, 3, 5, 8a, 8b, 10, 11, 13, 19 PC 1, 9, 10, 24, 31	ERC 8A, 8D	✓	✓			✓	✓						✓	✓			✓	✓
	Consumer SU 21	PROC (N/A) PC (1,5,9,10,31)	ERC 8A, 8D	✓	✓			✓	✓						✓	✓			✓	✓
7. Agrochemicals uses <i>Use as an agrochemical excipient for application by manual or machine spraying, smokes and fogging, including equipment clean-downs and disposal.</i>	Industrial	Not applicable																		
	Professional SU 22	PROC 4, 8a, 8b, 11, 13 PC 12, 22, 27	ERC 8A, 8D	✓		✓	✓	✓	✓	✓									✓	
	Consumer SU 21	PROC (N/A) PC 12, 22, 27	ERC 8D	✓		✓	✓	✓	✓	✓									✓	
8. Functional Fluids <i>Use as functional fluids e.g. cable oils, heat transfer oils, insulators, refrigerants, hydraulic fluids in industrial or professional equipment including maintenance and related material transfers.</i>	Industrial SU 3	PROC 1, 2, 3, 4, 8a, 8b, 9, 13 PC 16, 17	ERC 7	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓			✓	✓
	Professional SU 22	PROC 1, 2, 3, 8a, 9, 20 PC 16, 17	ERC 9A, 9B	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓			✓	✓
	Consumer SU 21	PROC (N/A) PC 16, 17	9A, 9B	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓			✓	✓

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9. Metal working fluids / rolling oils <i>Covers the use in formulated MWFs/rolling oils including transfer operations, rolling and annealing activities, open and contained cutting/machining activities, automated and manual application of corrosion protections (including brushing, dipping, and spraying), equipment maintenance, draining and working on contaminated/ reject articles, and disposal of waste oils.</i>	Industrial SU 3	PROC 1, 2, 3, 5, 7, 8a, 8b, 9, 10, 13, 17, 22, 24 PC 25	ERC 2, 4	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓			✓	✓
	Professional SU 22	PROC 2, 3, 5, 8a, 8b, 9, 10, 11, 13, 17 PC 25	ERC 2, 8F	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓			✓	✓
	Consumer	Not applicable																		
10. Rubber production and processing <i>Covers the use as binders and release agents including material transfers, mixing, application by spraying, brushing, and handling of waste.</i>	Industrial SU 10	PROC 1, 2, 3, 4, 5, 6, 8a, 8b, 14, 21 PC 32	ERC 6D		✓	✓	✓						✓	✓	✓		✓			
	Professional	Not applicable																		
	Consumer	Not applicable																		
11. Use as binders and release agents <i>Covers the use as binders and release agents including material transfers, mixing, application (including spraying and brushing), mould forming and casting, and handling of waste.</i>	Industrial SU 3	PROC 3, 4, 6, 7, 8b, 10, 14 PC 24	ERC 5	✓	✓		✓	✓			✓					✓				
	Professional SU 22	PROC 3, 4, 8a, 8b, 10, 11 PC 24	ERC 8C	✓	✓		✓	✓			✓									
	Consumer	Not applicable																		
12. Road and construction applications <i>Application of surface coatings and binders in road and construction activities, including paving uses, manual mastic and in the application of roofing and water proofing membranes.</i>	Industrial	Not applicable																		
	Professional SU 22	PROC 8a, 8b, 9, 11, 13 PC 1, 9, 10	ERC 8F			✓	✓									✓				
	Consumer	Not applicable																		
13. Use as a fuel <i>Covers the use as a fuel (or fuel additive) and includes activities associated with its transfer, use, equipment maintenance and handling of waste.</i>	Industrial SU 3	PROC 1,2,3,8a,8b,16	ERC 8B	✓																
	Professional SU 22	PROC 1,2,3,8A,8B,16	ERC 8B, 8E	✓																
	Consumer SU 21	PROC (N/A) PC 13	ERC 8B, 8E	✓																
14. Use in Cleaning Agents <i>Covers the use as a component of cleaning products including pouring/unloading from containers and exposure during mixing/diluting in the preparatory phase and cleaning activities (including spraying, brushing, dipping, wiping automated and by hand). Covers general exposure to consumers arising from the use of household washing and cleaning products</i>	Industrial SU 3	PROC 1,2,3,4,7,8a,8b,10,13	ERC 4		✓															
	Professional SU 22	PROC 1,2,3,4,8a,8b,10,11,13	ERC 8A, 8D		✓															
	Consumer SU 21	PROC (N/A) PC 3,4,9,24,,35,38	ERC 8A, 8D		✓															

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