

ExxonMobil Supported Uses - Generic Use Mapping for Fuels Products
Date Issued: August 2009

GES Title/ Scope	Sectors of Use (SU)	Process Category (PROC/ Chemical Product Category (PC)	Environmental Release Category (ERC)	Products Covered									
				LPG including Propane, Butane & Propellants	Gasoline, Naphtha	Jet Fuel/ Kerosene	Diesel Fuel, Heating Oil and Gas Oil (including Marine and Straight Run)	Cracked and Other Gas Oil	Fuel Oil including Marine Bunker Fuel, IF grades and components	Petroleum Coke	Treated Distillate Aromatics Extracts (TDAE)	Residual Aromatics Extracts (RAE)	Sulphur
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 (SU8, SU9)	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC15	ERC1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Professional (SU22)	not applicable											
	Consumer (SU21)	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 (SU8, SU9)	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC9	ERC 1, ERC2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Professional (SU22)	not applicable											
	Consumer (SU21)	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 (SU10)	PROC1, PROC2, PROC3, PROC4, PROC5, PROC8a, PROC8b, PROC9, PROC15	ERC2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Professional (SU22)	not applicable											
	Consumer (SU21)	not applicable											
4. 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 (SU3)	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC19	ERC 4	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Professional (SU22)	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC16, PROC19	ERC 8A, ERC 8D	✓	✓	✓	✓		✓				
	Consumer (SU21)	PC13	ERC 8B, ERC 8E	✓	✓	✓	✓						
5. Propellants <i>Use as a propellant in professional, household or consumer aerosol products, including product disposal.</i>	Industrial (SU3)	not applicable											
	Professional (SU22)	PROC11	ERC 8A, ERC8D	✓									
	Consumer (SU21)	PC1, PC3, PC4, PC5, PC9, PC10, PC24, PC31, PC35	ERC 8A, ERC 8D	✓									
6. Blowing agents <i>Use as a blowing agent for rigid and flexible foams, including material transfers, mixing and injection, curing, cutting, storage and packing.</i>	Industrial (SU3)	PROC1, PROC3, PROC8b, PROC9, PROC12, PROC21, PROC24	ERC 5	✓									
	Professional (SU22)	not applicable											
	Consumer (SU21)	not applicable											

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7. 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 (SU3)	PROC1, PROC2, PROC3, PROC4, PROC6, PROC7, PROC8b, PROC10, PROC14	ERC 5				✓							
	Professional (SU22)	PROC1, PROC2, PROC3, PROC4, PROC6, PROC8a, PROC8b, PROC10, PROC11, PROC14	ERC 8C				✓							
	Consumer (SU21)	Not applicable												
8. 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 (SU3)	Not applicable												
	Professional (SU22)	PROC5, PROC7, PROC8a, PROC8b, PROC9, PROC10, PROC11, PROC13	ERC 10A				✓							✓
	Consumer (SU21)	Not applicable												
9. Functional Fluids <i>Use as functional fluids e.g. cable oils, transfer oils, insulators, refrigerants, and hydraulic fluids in industrial, professional and consumer equipment including maintenance and related material transfers.</i>	Industrial (SU3)	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC9	ERC 7	✓		✓								
	Professional (SU22)	PROC1, PROC2, PROC3, PROC8a, PROC9, PROC20	ERC 9A, ERC 9B											
	Consumer (SU21)	PC16, PC17	ERC 9A, ERC 9B	✓										
10. 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 wastes.</i>	Industrial (SU3)	PROC1, PROC2, PROC3, PROC4, PROC7, PROC8a, PROC8b, PROC9, PROC10, PROC13, PROC17	ERC 7, ERC 4			✓								
	Professional (SU22)	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC9, PROC13, PROC17, PROC20	ERC 8A, ERC 8D, ERC 9A, ERC 9B			✓								
	Consumer (SU21)	PC1, PC6, PC24, PC31	ERC 8A, ERC 8D, ERC 9A, ERC 9B			✓								
11. De-icing and anti-icing applications <i>Use in de-icing and anti-icing applications of vehicles, aircraft and other equipment by spraying or other modes of application.</i>	Industrial (SU3)	Not applicable												
	Professional (SU22)	PROC2, PROC8b, PROC11	ERC 8D			✓								
	Consumer (SU21)	PC4	ERC 8D			✓								

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12. Metal working fluids (MWFs)/rolling oils <i>Covers the use in formulated MWFs/rolling oils including transfer operations, rolling and annealing activities, cutting/machining activities, automated and manual application of corrosion protections (including brushing, dipping and spraying), equipment maintenance, working on contaminated/reject items, draining and disposal of waste oils.</i>	Industrial (SU3)	PROC1, PROC2, PROC3, PROC5, PROC7, PROC8a, PROC8b, PROC9, PROC10, PROC13, PROC17	ERC 4			✓								
	Professional (SU22)	PROC1, PROC2, PROC3, PROC5, PROC8a, PROC8b, PROC10, PROC11, PROC13, PROC17	ERC 8A			✓								
	Consumer (SU21)	not applicable												
13. Use in laboratories <i>Use of the substance within laboratory settings, including material transfers and equipment cleaning.</i>	Industrial (SU3)	PROC10, PROC15	ERC 4A	✓	✓	✓	✓			✓				
	Professional (SU22)	PROC10, PROC15	ERC 8A	✓	✓	✓	✓			✓				✓
	Consumer (SU21)	Not applicable												
14. Agrochemical uses <i>Use as an agrochemical excipient for application by manual or machine spraying, smokes and fogging; including equipment clean-downs and disposal. Covers the consumer use in agrochemicals in liquid and solid forms.</i>	Industrial (SU3)	Not applicable												
	Professional (SU22)	PROC4, PROC8a, PROC8b, PROC11, PROC13	ERC 8A, ERC 8D											✓
	Consumer (SU21)	PC12, PC22, PC27	ERC 8D											✓
15. Rubber production and processing <i>Manufacture of rubber articles, including processing of raw rubber, handling and mixing of rubber additives, vulcanising, cooling and finishing.</i>	Industrial (SU10)	PROC1, PROC2, PROC3, PROC4, PROC5, PROC6, PROC8a, PROC8b, PROC14, PROC21	ERC 6D											✓
	Professional (SU22)	Not applicable												
	Consumer (SU21)	Not applicable												
16. Incorporation into Articles <i>Covers the manufacture of alloys and articles where the substance is incorporated as part of the matrix of the alloy/matrix, including handling and mixing of the substance, its processing, forming, cooling and finishing.</i>	Industrial (SU10)	PROC2, PROC3, PROC4, PROC5, PROC6, PROC7, PROC8b, PROC9, PROC14, PROC21, PROC24, PROC25	ERC3, ERC5								✓			
	Professional (SU22)	Not applicable												
	Consumer (SU21)	Not applicable												

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