

Uses - ETHYL DI GLYCOL (GES version)

CAS 111-90-0
EC 203-919-7

Exposure Scenario Title	Sector of Use	Scope / Definition	Applicable Use Descriptors (PROC or PC)	Applicable Use Descriptors (ERC)
Manufacture of substance, or use as an intermediate or process chemical	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), sampling and associated laboratory activities	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC15	ERC 1, ERC 6A
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 and associated laboratory activities	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC15	ERC1
Formulation & (re)packing of substances and mixtures	Industrial (SU10)	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, maintenance and associated laboratory activities	PROC1, PROC2, PROC5, PROC8a, PROC8b, PROC9, PROC14, PROC15	ERC2
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, PROC15	ERC 4
	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, brush, 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	ERC 8A, ERC 8D
	Consumer (SU21)	Covers the use in coatings (paints, inks, adhesives, etc) including exposures during use (including product transfer and preparation, application by brush, spray by hand or similar methods) and equipment cleaning.	PC1, PC4, PC5, PC8, PC9, PC10, PC15, PC18, PC23, PC24, PC31, PC34	ERC 8A, ERC 8D
Use in Cleaning Agents	Industrial (SU3)	Covers the use as a component of cleaning products including transfer from storage, pouring/unloading from drums or containers. Exposures 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	ERC 4
	Professional (SU22)	Covers the use as a component of cleaning products including pouring/unloading from drums or containers; and exposures during mixing/diluting in the preparatory phase and cleaning activities (including spraying, brushing, dipping, wiping automated and by hand).	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC10, PROC11, PROC13	ERC 8A, ERC 8D;
	Consumer (SU21)	Covers general exposures to consumers arising from the use of household products sold as washing and cleaning products, aerosols, coatings, de-icers, lubricants and air care products.	PC3, PC4, PC8, PC9, PC24, PC35, PC38, PC34	ERC 8A, ERC 8D
Other Consumer Uses	Consumer (SU21)	Consumer uses not covered in consumer examples listed above e.g. use as a carrier in cosmetics/personal care products, perfumes and fragrances, pharmaceuticals products	PC28, PC 29, PC39	ERC 8A
Use in laboratories	Industrial (SU3)	Use of the substance within laboratory settings, including material transfers and equipment cleaning	PROC10, PROC15	ERC 2, ERC 4
	Professional (SU22)	Use of small quantities within laboratory settings, including material transfers and equipment cleaning	PROC10, PROC15	ERC 8A
Functional Fluids	Industrial (SU3)	Use as functional fluids e.g. cable oils, transfer oils, coolants, insulators, refrigerants, hydraulic fluids in industrial equipment including	PROC1, PROC2, PROC4, PROC8a, PROC8b, PROC9	ERC 7
	Professional (SU22)	Use as functional fluids e.g. cable oils, transfer oils, coolants, insulators, refrigerants, hydraulic fluids in professional equipment including	PROC1, PROC2, PROC3, PROC8a, PROC9, PROC20	ERC 9A, ERC 9B
	Consumer (SU21)	Use of sealed items containing functional fluids e.g. transfer oils, hydraulic fluids, refrigerants	PC16, PC17	ERC 9A, ERC 9B

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Water treatment chemicals	Industrial (SU3)	Covers the use of the substance for the treatment of water at industrial facilities in open and closed systems.	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC13	ERC 3, ERC 4
	Professional (SU22)	Covers the use of the substance for the treatment of water in open and closed systems.	PROC1, PROC3, PROC4, PROC8a, PROC8b, PROC13	ERC 8F
	Consumer (SU21)	not applicable		
Textile Processing	Industrial (SU3)	TextileProcessing	PROC1, PROC2, PROC3, PROC4, PROC 5, PROC8a, PROC8b, PROC13	ERC4
	Professional (SU22)	not applicable		
	Consumer (SU21)	not applicable		