

Uses - DEGME

Oct-23

Methyl DiGlycol Ether
CAS 111-77-3
EC 203-906-6

Exposure Scenario Title	Sector of Use	Scope / Definition	Applicable Use Descriptors (PROC)	Applicable Use Descriptors (ERC)	Applicable Use Descriptors (PC)
ES 01: Manufacture of substance	Manufacture	Manufacture of the substance. 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, PROC8b, PROC15, PROC28	ERC 1	
ES 02: Formulation & (re)packing of substances and mixtures	Formulation or (re)packaging	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	PROC3, PROC5, PROC8b, PROC9, PROC14, PROC15, PROC28	ERC2	PC9a, PC9b, PC12, PC13, PC17, PC20, PC35
ES 03: Use as intermediate	Use at industrial sites	Use as intermediate, including as starter material for polymer production. Includes the use of 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, PROC8b, PROC15, PROC28	ERC6A	n/a
ES 04: Use as process chemical	Use at industrial sites	Use as process chemical. Includes the use of 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, PROC8b, PROC15, PROC28	ERC4	PC40
ES 05: Use in polymer processing	Use at industrial sites	Processing of formulated polymers (eg. enamel processes) including material transfers, dipping, moulding and forming activities, material re-works and associated maintenance.	PROC3, PROC8a, PROC8b, PROC13, PROC28	ERC4	PC20
ES 06: Use in coatings	Use at industrial sites	Covers the use in coatings (eg tinting and enamel processes) including exposures during use (including materials receipt, storage, application by roller, spreader, dip, flow and film formation) and equipment cleaning and maintenance. No spraying.	PROC8a, PROC8b, PROC10, PROC13, PROC28	ERC4	PC9a, PC9b
ES 07: Use in paint stripping	Use at industrial sites	Covers the use as swelling agent in paint strippers, including exposure during use (including materials receipt, storage, application by dipping) and equipment cleaning. No spraying.	PROC1, PROC3, PROC8a, PROC8b, PROC13	ERC4	PC9a
ES 08: Use as a fuel additive	Widespread use by professional workers	Use of the substance as an anti-icing additive in aviation kerosine, covering distribution and handling of formulated product	PROC 8A, PROC16	ERC 9A, ERC9B	PC13
ES 09: Use in cleaning (DEGME <3%)*	Use at industrial sites	Covers the use as a component of cleaning products (application by dipping) including transfer from storage.	PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC13	ERC4	PC35
ES 10: Functional Fluids, including hydraulic fluids (DEGME <3%)*	Use at industrial sites	Use as functional fluids e.g. cable oils, transfer oils, coolants, insulators, refrigerants, hydraulic fluids in industrial equipment including maintenance and related material transfers. Use in automotive brake fluids.	PROC1, PROC2, PROC 8a, PROC 8b, PROC9, PROC28	ERC7	PC17
ES 11: Functional Fluids, including hydraulic fluids (DEGME <3%)*	Widespread use by professional workers	Use as functional fluids e.g. cable oils, transfer oils, coolants, insulators, refrigerants, hydraulic fluids in professional equipment including maintenance and related material transfers. Use in automotive brake fluids.	PROC20	ERC 9A, ERC 9B	PC17
ES 12: Agrochemical uses (DEGME <1%)*	Widespread use by professional workers	Use of the substance as carrier of the active ingredient in liquid fertilizers and fertilizer granules	PROC4, PROC8a, PROC11, PROC13, PROC28	ERC8a, ERC8d	PC12

*Uses are exempt from an exposure assessment, due to DEGME concentrations below the specific concentration limit of 3%

Use-advice against

Consumers uses (DEGME >=3%)	Consumer		PROC1, PROC2, PROC3, PROC4, PROC5, PROC8a, PROC8b, PROC10, PROC11, PROC13, PROC15, PROC19	ERC 8A, ERC 8D	PC1, PC4, PC9a, PC9b, PC9c, PC13, PC18, PC28, PC29, PC31, PC34, PC35, PC39
Professional uses (DEGME >=3%)	Widespread use by professional workers		PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC10, PROC11, PROC13, PROC19	ERC 8A, ERC 8D	PC9a, PC9b, PC9c, PC18, PC35