

Propylene glycol methyl ether acetate (PGMA)  
CAS 108-65-6

**Table 1. Uses by workers in industrial settings**

<b>IU number</b>	<b>Identified Use (IU) name</b>	<b>Substance supplied to that use</b>	<b>Use descriptors</b>
	Manufacturing of substance	as such (substance itself)	<p><b>Process category (PROC):</b></p> <p>PROC 1: Use in closed process, no likelihood of exposure            PROC 2: Use in closed, continuous process with occasional controlled exposure            PROC 3: Use in closed batch process (synthesis or formulation)            PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises            PROC 8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities            PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities            PROC 15: Use as laboratory reagent</p> <p><b>Environmental release category (ERC):</b></p> <p>ERC 1: Manufacture of substances</p> <p><b>Subsequent service life relevant for that use?: no</b></p>
1	Use as process solvents	as such (substance itself)	<p><b>Process category (PROC):</b></p> <p>PROC 1: Use in closed process, no likelihood of exposure            PROC 2: Use in closed, continuous process with occasional controlled exposure            PROC 3: Use in closed batch process (synthesis or formulation)            PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises            PROC 8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities            PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities            PROC 15: Use as laboratory reagent</p> <p><b>Environmental release category (ERC):</b></p> <p>ERC 4: Industrial use of processing aids in processes and products, not becoming part of articles</p> <p><b>Subsequent service life relevant for that use?: no</b></p>

IU number	Identified Use (IU) name	Substance supplied to that use	Use descriptors
2	Formulation and (re)packaging of substances and mixtures	as such (substance itself)	<p><b>Process category (PROC):</b></p> <p>PROC 1: Use in closed process, no likelihood of exposure  PROC 2: Use in closed, continuous process with occasional controlled exposure  PROC 3: Use in closed batch process (synthesis or formulation)  PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises  PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)  PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)  PROC 8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities  PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities  PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation  PROC 15: Use as laboratory reagent</p> <p><b>Environmental release category (ERC):</b></p> <p>ERC 2: Formulation of preparations</p> <p><b>Subsequent service life relevant for that use?: no</b></p>
3	Industrial use in coatings (general)	as such (substance itself)	<p><b>Process category (PROC):</b></p> <p>PROC 1: Use in closed process, no likelihood of exposure  PROC 2: Use in closed, continuous process with occasional controlled exposure  PROC 3: Use in closed batch process (synthesis or formulation)  PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises  PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)  PROC 7: Industrial spraying  PROC 8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities  PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities  PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)</p>

IU number	Identified Use (IU) name	Substance supplied to that use	Use descriptors
			<p>PROC 10: Roller application or brushing            PROC 13: Treatment of articles by dipping and pouring            PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation            PROC 15: Use as laboratory reagent</p> <p><b>Environmental release category (ERC):</b>            ERC 4: Industrial use of processing aids in processes and products, not becoming part of articles</p> <p><b>Subsequent service life relevant for that use?:</b> no</p>
6	Industrial use in cleaning agents	as such (substance itself)	<p><b>Process category (PROC):</b>            PROC 2: Use in closed, continuous process with occasional controlled exposure            PROC 3: Use in closed batch process (synthesis or formulation)            PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises            PROC 7: Industrial spraying            PROC 10: Roller application or brushing            PROC 13: Treatment of articles by dipping and pouring</p> <p><b>Environmental release category (ERC):</b>            ERC 4: Industrial use of processing aids in processes and products, not becoming part of articles</p> <p><b>Subsequent service life relevant for that use?:</b> no</p>
3	Industrial use in coatings (coil)	as such (substance itself)	<p><b>Process category (PROC):</b>            PROC 1: Use in closed process, no likelihood of exposure            PROC 2: Use in closed, continuous process with occasional controlled exposure            PROC 3: Use in closed batch process (synthesis or formulation)            PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises            PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)            PROC 7: Industrial spraying            PROC 8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities            PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities</p>

IU number	Identified Use (IU) name	Substance supplied to that use	Use descriptors
			<p>PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)            PROC 10: Roller application or brushing            PROC 13: Treatment of articles by dipping and pouring            PROC 15: Use as laboratory reagent</p> <p><b>Environmental release category (ERC):</b>            ERC 4: Industrial use of processing aids in processes and products, not becoming part of articles</p> <p><b>Subsequent service life relevant for that use?:</b> no</p>
3	Industrial use in inks	as such (substance itself)	<p><b>Process category (PROC):</b>            PROC 1: Use in closed process, no likelihood of exposure            PROC 2: Use in closed, continuous process with occasional controlled exposure            PROC 3: Use in closed batch process (synthesis or formulation)            PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises            PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)            PROC 7: Industrial spraying            PROC 8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities            PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities            PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)            PROC 10: Roller application or brushing            PROC 13: Treatment of articles by dipping and pouring            PROC 15: Use as laboratory reagent</p> <p><b>Environmental release category (ERC):</b>            ERC 4: Industrial use of processing aids in processes and products, not becoming part of articles</p> <p><b>Subsequent service life relevant for that use?:</b> no</p>

**Table 2. Uses by professional workers**

Confidential	IU number	Identified Use (IU) name	Substance supplied to that use	Use descriptors
	4	Professional use in coatings	as such (substance itself)  in a mixture	<p><b>Process category (PROC):</b></p> <p>PROC 1: Use in closed process, no likelihood of exposure            PROC 2: Use in closed, continuous process with occasional controlled exposure            PROC 3: Use in closed batch process (synthesis or formulation)            PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises            PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)            PROC 8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities            PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities            PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)            PROC 10: Roller application or brushing            PROC 11: Non industrial spraying            PROC 13: Treatment of articles by dipping and pouring            PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation            PROC 15: Use as laboratory reagent</p> <p><b>Environmental release category (ERC):</b></p> <p>ERC 8a: Wide dispersive indoor use of processing aids in open systems            ERC 8d: Wide dispersive outdoor use of processing aids in open systems</p> <p><b>Subsequent service life relevant for that use?: no</b></p>
	7	Professional use in cleaning agents	as such (substance itself)  in a mixture	<p><b>Process category (PROC):</b></p> <p>PROC 2: Use in closed, continuous process with occasional controlled exposure            PROC 3: Use in closed batch process (synthesis or formulation)            PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises            PROC 10: Roller application or brushing            PROC 11: Non industrial spraying            PROC 13: Treatment of articles by dipping and pouring</p>

				<p><b>Environmental release category (ERC):</b>  ERC 8a: Wide dispersive indoor use of processing aids in open systems  ERC 8d: Wide dispersive outdoor use of processing aids in open systems</p> <p><b>Subsequent service life relevant for that use?: no</b></p>
	9	Professional use in agrochemicals	as such (substance itself) in a mixture	<p><b>Process category (PROC):</b>  PROC 2: Use in closed, continuous process with occasional controlled exposure  PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises  PROC 8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities  PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities  PROC 11: Non industrial spraying  PROC 15: Use as laboratory reagent</p> <p><b>Environmental release category (ERC):</b>  ERC 8a: Wide dispersive indoor use of processing aids in open systems  ERC 8d: Wide dispersive outdoor use of processing aids in open systems</p> <p><b>Subsequent service life relevant for that use?: no</b></p>

**Table 3. Uses by consumers**

<b>Confidential</b>	<b>IU number</b>	<b>Identified Use (IU) name</b>	<b>Use descriptors</b>
	5	Consumer use in coatings	<p><b>Chemical product category (PC):</b> PC 9a: Coatings and paints, thinners, paint removes</p> <p><b>Environmental release category (ERC):</b> ERC 8a: Wide dispersive indoor use of processing aids in open systems ERC 8d: Wide dispersive outdoor use of processing aids in open systems</p> <p><b>Subsequent service life relevant for that use?: no</b></p>
	8	Consumer use in cleaning products	<p><b>Chemical product category (PC):</b> PC 35: Washing and cleaning products (including solvent based products)</p> <p><b>Environmental release category (ERC):</b> ERC 8a: Wide dispersive indoor use of processing aids in open systems ERC 8d: Wide dispersive outdoor use of processing aids in open systems</p> <p><b>Subsequent service life relevant for that use?: yes</b></p>
	10	Consumer use in agrochemicals	<p><b>Chemical product category (PC):</b> PC 27: Plant protection products</p> <p><b>Environmental release category (ERC):</b> ERC 8a: Wide dispersive indoor use of processing aids in open systems ERC 8d: Wide dispersive outdoor use of processing aids in open systems</p> <p><b>Subsequent service life relevant for that use?: yes</b></p>