

2-Ethylhexanol



Map of identified uses

EXPOSURE SCENARIO	SECTOR OF USE (SU)	PREPARATION CATEGORY (PC)	PROCESS CATEGORY (PROC)	ARTICLE CATEGORY (AC)	ENVIRONMENTAL RELEASE CATEGORY (ERC)
Manufacture Manufacture	SU 3 Industrial uses: Uses of substances as such or in preparations ¹ at industrial sites	Not applicable	PROC 1 Use in closed process, no likelihood of exposure	Not applicable	ERC 1 Manufacture of substances
	SU 8 Manufacture of bulk, large scale chemicals (including petroleum products)		PROC 2 Use in closed, continuous process with occasional controlled exposure		
			PROC 3 Use in closed batch process (synthesis or formulation)		
SU 9 Manufacture of fine chemicals	PROC 4 Use in batch and other process (synthesis) where opportunity for exposure arises	ERC 4 ³ Industrial use of processing aids in processes and products, not becoming part of articles			
Distribution Manufacture	SU 3 Industrial uses: Uses of substances as such or in preparations ¹ at industrial sites	Not applicable	PROC 4 Use in batch and other process (synthesis) where opportunity for exposure arises	Not applicable	ERC 1 Manufacture of substances
	SU 10 Formulation [mixing] of preparations and/or re-packaging (excluding alloys)		PROC 8a Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities		
Formulation Formulation	SU 3 Industrial uses: Uses of substances as such or in preparations ¹ at industrial sites	Not applicable	PROC 8b Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities	Not applicable	ERC 2 ³ Formulation of preparations
			PROC 9 Transfer of substance or preparation into small containers (dedicated filling line, including weighing)		
			PROC 15 Use as laboratory reagent		



	SU 10	Formulation [mixing] of preparations and/or re-packaging (excluding alloys)	<p>PROC 2 Use in closed, continuous process with occasional controlled exposure</p> <p>PROC 3 Use in closed batch process (synthesis or formulation)</p> <p>PROC 4 Use in batch and other process (synthesis) where opportunity for exposure arises</p> <p>PROC 5 Mixing or blending in batch processes for formulation of preparations¹ and articles (multistage and/or significant con-tact)</p> <p>PROC 8a Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities</p> <p>PROC 8b Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities</p> <p>PROC 9 Transfer of substance or preparation into small containers (dedicated filling line, including weighing)</p> <p>PROC 14 Production of preparations¹ or articles by tableting, compression, extrusion, pelletisation</p> <p>PROC 15 Use as laboratory reagent</p>		
Use in coatings (ind.) End use	SU 3	Industrial uses: Uses of substances as such or in preparations ¹ at industrial sites	<p>PC5 deleted Uses described under this entry are to be reassigned to PC1 (adhesives), PC9b (fillers, putties, modelling clay), PC9c (finger paints)</p> <p>PC 9a Coatings and paints, thinners, paint removers</p> <p>PC 9b Fillers, putties, plasters, modelling clay</p> <p>PROC 1 Use in closed process, no likelihood of exposure</p> <p>PROC 2 Use in closed, continuous process with occasional controlled exposure</p> <p>PROC 3 Use in closed batch process (synthesis or formulation)</p> <p>PROC 4 Use in batch and other process (synthesis) where opportunity for exposure arises</p> <p>PROC 5 Mixing or blending in batch processes for formulation of preparations¹ and articles (multistage and/or significant contact)</p> <p>PROC 7 Industrial spraying</p> <p>PROC 8a Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities</p> <p>PROC 8b Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities</p> <p>PROC 9 Transfer of substance or preparation into small containers (dedicated filling line, including weighing)</p> <p>PROC 10 Roller application or brushing</p> <p>PROC 13 Treatment of articles by dipping and pouring</p>	Not applicable	ERC 4 ³ Industrial use of processing aids in processes and products, not becoming part of articles

			PROC 14 PROC 15	Production of preparations ¹ or articles by tableting, compression, extrusion, pelletisation Use as laboratory reagent			
		PC 5 PC 9a PC 9b	PC5 deleted Uses described under this entry are to be re-assigned to PC1 (adhesives), PC9b (fillers, put-ties, modelling clay), PC9c (finger paints) Coatings and paints, thinners, paint removers Fillers, putties, plasters, modelling clay	PROC 1 PROC 2 PROC 3 PROC 4 PROC 5 PROC 8a PROC 8b PROC 10 PROC 11 PROC 13 PROC 15 PROC 19	Use in closed process, no likelihood of exposure Use in closed, continuous process with occasional controlled exposure Use in closed batch process (synthesis or formulation) Use in batch and other process (synthesis) where opportunity for exposure arises Mixing or blending in batch processes for formulation of preparations ¹ and articles (multistage and/or significant contact) Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities Roller application or brushing Non industrial spraying Treatment of articles by dipping and pouring Use as laboratory reagent Hand-mixing with intimate contact and only PPE available		
Dilution of a concentrate (prof.) End use	SU 22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)	Not applicable ²	PROC 5 PROC 8a PROC 8b	Mixing or blending in batch processes for formulation of preparations ¹ and articles (multistage and/or significant contact) Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities	Not applicable	ERC 8d ⁴ Wide dispersive outdoor use of processing aids in open systems	
Dilution of a concentrate (cons.) Consumer use	SU 22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)	Not applicable ²		Not applicable	Not applicable	ERC 8d ⁴ Wide dispersive outdoor use of processing aids in open systems	

<p>Use in laboratories</p> <p>End use</p>	<p>SU 3</p> <p>Industrial uses: Uses of substances as such or in preparations¹ at industrial sites</p>	<p>Not applicable</p>	<p>PROC 10 Roller application or brushing</p> <p>PROC 15 Use as laboratory reagent</p>	<p>Not applicable</p>	<p>ERC 2 Formulation of preparations</p> <p>ERC 4³ Industrial use of processing aids in processes and products, not becoming part of articles</p>
<p>Use in functional fluids (ind.)</p> <p>End use</p>	<p>SU 3</p> <p>Industrial uses: Uses of substances as such or in preparations¹ at industrial sites</p>	<p>PC 4 Anti-Freeze and de-icing products</p> <p>PC 17 Hydraulic fluids</p> <p>PC 24 Lubricants, greases, release products</p>	<p>PROC 1 Use in closed process, no likelihood of exposure</p> <p>PROC 2 Use in closed, continuous process with occasional controlled exposure</p> <p>PROC 3 Use in closed batch process (synthesis or formulation)</p> <p>PROC 4 Use in batch and other process (synthesis) where opportunity for exposure arises</p> <p>PROC 8a Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities</p> <p>PROC 8b Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities</p> <p>PROC 9 Transfer of substance or preparation into small containers (dedicated filling line, including weighing)</p> <p>PROC 20 Heat and pressure transfer fluids in dispersive, professional use but closed systems</p>	<p>Not applicable</p>	<p>ERC 7³ Industrial use of substances in closed systems</p>
<p>Use in functional fluids (prof.)</p> <p>End use</p>	<p>SU 22</p> <p>Professional uses: Public domain (administration, education, entertainment, services, craftsmen)</p>	<p>PC 4 Anti-Freeze and de-icing products</p> <p>PC 17 Hydraulic fluids</p> <p>PC 24 Lubricants, greases, release products</p>	<p>PROC 1 Use in closed process, no likelihood of exposure</p> <p>PROC 2 Use in closed, continuous process with occasional controlled exposure</p> <p>PROC 3 Use in closed batch process (synthesis or formulation)</p> <p>PROC 8a Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities</p> <p>PROC 9 Transfer of substance or preparation into small containers (dedicated filling line, including weighing)</p> <p>PROC 20 Heat and pressure transfer fluids in dispersive, professional use but closed systems</p>	<p>Not applicable</p>	<p>ERC 2 Formulation of preparations</p> <p>ERC 4³ Industrial use of processing aids in processes and products, not becoming part of articles</p>
			<p>PROC 2 Use in closed, continuous process with occasional controlled exposure</p> <p>PROC 3 Use in closed batch process (synthesis or formulation)</p>	<p>Not applicable</p>	

<p>Use in cleaning products</p> <p>End use</p>	<p>SU 22</p> <p>Professional uses: Public domain (administration, education, entertainment, services, craftsmen)</p>	<p>PC 35</p> <p>Washing and cleaning products (including solvent based products)</p>	<p>PROC 4 Use in batch and other process (synthesis) where opportunity for exposure arises</p> <p>PROC 8a Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities</p> <p>PROC 8b Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities</p> <p>PROC 10 Roller application or brushing</p> <p>PROC 11 Non industrial spraying</p> <p>PROC 13 Treatment of articles by dipping and pouring</p>		<p>ERC 8a Wide dispersive indoor use of processing aids in open systems</p> <p>ERC 8d³ Wide dispersive outdoor use of processing aids in open systems</p>
<p>Use in oil and gas field drilling</p> <p>End use</p>	<p>SU 3 Industrial uses: Uses of substances as such or in preparations¹ at industrial sites</p> <p>SU 2b Offshore industries</p>	<p>PC 20</p> <p>Products such as ph-regulators, flocculants, precipitants, neutralization agents</p>	<p>PROC 1 Use in closed process, no likelihood of exposure</p> <p>PROC 2 Use in closed, continuous process with occasional controlled exposure</p> <p>PROC 3 Use in closed batch process (synthesis or formulation)</p> <p>PROC 4 Use in batch and other process (synthesis) where opportunity for exposure arises</p> <p>PROC 8a Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities</p> <p>PROC 8b Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities</p>	<p>Not applicable</p>	<p>ERC 4³ Industrial use of processing aids in processes and products, not becoming part of articles</p>

¹ **Please note:** For the sake of consistency with the descriptor system in IUCALID 5.2, in these lists the term "preparation" has not been replaced by "mixture"

² Different products categories are covered by this scenario but exposure is determined by the dilution event and not by the type of product

³ specific ERCs (spERCs) were used in the exposure estimation

⁴ also covers ERC 8a

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