

## CHEMICAL SAFETY REPORT - PUBLIC

Table 1. Succinct summary of representative risk management measures and operational conditions: Exposure Scenario: PW1 – OPnEO / NPnEO - Use in IVD assays for laboratories / hospitals / blood banks

ECS and WCS	Task (ERC/spERC or PROC)	Annual amount per site (kg/a) (sunset date)	Technical RMMs, including: *Containment, *Ventilation (general, LEV...) *customized technical installation, etc.	Organisational RMMs, including: *Duration and Frequency of exposure *OSH management system *Supervision *Monitoring arrangements *Training, etc.	PPE (characteristics)	Other conditions	Effectiveness of wastewater and waste air treatment (for ERC)	Release factors: water, air and soil (for ERC)	Detailed info. in CSR (section)
<b>ECS 1: PW1 – OPnEO</b> 40.19	ERC8a	Total UK amount (kg/a):	n.a. (environmentally hazardous substance)	n.a. (environmentally hazardous substance)	n.a. (environmentally hazardous substance)	n.a. (environmentally hazardous substance)	Wastewater treatment at municipal STP. Effectiveness: 45.5% of OP <sub>equiv</sub> .  No release to air expected due to low volatility.  Solid waste is collected and disposed of 'as if it was hazardous waste'.	Water: 84%  Air: 0%  Soil: 0% (however, 100% of sewage sludge disposed on soil)	9.4.1
<b>ECS 1: PW1 – NPnEO</b>	ERC8a	Total UK amount (kg/a): 0.39	n.a. (environmentally hazardous substance)	n.a. (environmentally hazardous substance)	n.a. (environmentally hazardous substance)	n.a. (environmentally hazardous substance)	Wastewater treatment at municipal STP. Effectiveness: 75.3% of NP <sub>equiv</sub> .	Water: 47%  Air: 0%  Soil: 0% (however, 100% of	9.5.1

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							No release to air expected due to low volatility.  Solid waste is collected and disposed of 'as if it was hazardous waste'.	sewage sludge disposed on soil  Waste: 53%	
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**Abbreviations:** ECS=Environmental Contributing Scenario,\* ERC=Environmental Release Category (or spERC= specific Environmental Release Category, if available), PROC= Process category, LEV=Local Exhaust Ventilation, PPE=Personal Protective Equipment, WCS= Worker Contributing Scenario, PW= Professional Worker, EEA= European Economic Area, OSH= Occupational Safety and Health, STP= Sewage treatment plant, OP<sub>equiv.</sub>=4-(1,1,3,3-tetramethylbutyl)phenol Equivalent, NP<sub>equiv.</sub>= 4-nonylphenol Equivalent, OPnEO=4-(1,1,3,3-tetramethylbutyl) phenol, NPnEO=4-nonylphenol