

EXPOSURE SCENARIO

DIPHENYL ETHER

Exposure Scenario List

Uses by consumers

Acronyms:

SU: sector of use

PC: chemical product category

AC: article category

PROC: process category

ERC: environmental release category

OC: operative condition

1. Exposure scenario title: Uses by consumers

SU 21 Uses by consumers	
Name of the contributing environmental scenario and corresponding ERC	
ERC 8a	Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
ERC 8d	Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor).
Name of the contributing scenarios for the workers and the corresponding PCs	
PC3	Air care products
PC31	Polishes and wax blends
PC35	Washing and cleaning products

2.1 Environment contributing scenario: ERC 8a, ERC 8d: Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor), Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor).

Frequency and duration of use	365 days/year, continuous release
Environmental factors not influenced by risk management	Dilution factor (River): 10 Dilution factor (Costal areas): 100
Conditions and measures concerning municipal water treatment plant	Efficiency (of one measure precautionary): 87% Estimated percentage of wastewater removal by domestic waste treatment.
Conditions and Measures Related to External waste treatment for the disposal	Discard waste or used bags / containers in accordance with local regulations.

2.2 Consumer contributing scenario: PC3: Air care products

Product characteristics	It covers a percentage of the substance in the fine product up to 0,1%.
Physical Form (final use)	Liquid, vapour pressure <0,5 kPa at standard temperature and pressure conditions
Frequency and duration of use	It involves daily exposure up to 8 hours (unless differently indicated)

2.3 Consumer contributing scenario: PC31: Polishes and wax blends

Product characteristics	It covers a percentage of the substance in the fine product up to 0,1%.
Physical Form (final use)	Liquid, vapour pressure <0,5 kPa at standard temperature and pressure conditions
Frequency and duration of use	It involves daily exposure up to 8 hours (unless differently indicated)

2.4 Consumer contributing scenario: PC35: Washing and cleaning products

Product characteristics	It covers a percentage of the substance in the fine product up to 0,1%.
Physical Form (final use)	Liquid, vapour pressure <0,5 kPa at standard temperature and pressure conditions
Frequency and duration of use	It involves daily exposure up to 8 hours (unless differently indicated)

3. Exposure estimation and reference to its source

Contributing scenarios	Rating of Exposure Method	Specific conditions	Compartment	Exposure level	RCR
ERC8a	EUSES model		Fresh water	0,000003 mg/l	0,00209
			Sediment (fresh water)	0,000723 mg/kg (dry weight)	0,00209
			Soil	0,000030 mg/kg (dry weight)	0,000447
			Sea water	0,0000009 mg/l	0,00544
			Sediment (marine water)	0,000188 mg/kg (dry weight)	0,00544

4. Guidance for Downstream Users on how to evaluate whether he works inside the boundaries set by the ES

Environment - The guide is based on assumed operating conditions which may not apply to all sites; therefore, an adjustment may be required to define management measures risk specific to the site. Further details on adjustment and control technologies are provided in the SpERC information sheet (<http://cefic.org/en/reach-for-industries-libraries.html>).