

FS Section	Content field
1. Title	1.1 Wide Spread Use in Aerosol products for cleaning and maintenance products (Volatile substances incl. propellants)
	1.2 AISE SPERC 8a.1.c.v3
2. Scope	2.1 Substance/Product Domain
	Substance types / functions / properties included or excluded: Covers the use of volatile substances in cleaning and maintenance aerosol products. Volatiles which evaporate to a significant extent upon curing of the adhesives. Volatile ingredients are defined by a boiling point threshold of $\leq 250^{\circ}\text{C}$. cf. background document for further definition.
	Additional specification of product types covered: covers professional and consumer aerosol applications
	Inclusion of sub-SPERCs: n
	2.2 Process domain
	Description of activities/processes: Spraying of volatile ingredients contained in cleaning and maintenance products
	2.3 List of applicable Use Descriptors
	LCS: PW + C
	SU: 0
	PC: 3, 8, 31, 35
3. Operational conditions	3.1 Conditions of use
	Location of use: Indoor
	Water contact during use: n
	Connected to a standard municipal biological STP: y
	Rigorously contained system with minimisation of release to the environment: n
	Further operational conditions impacting on releases to the environment.
	- Propellants used in air care products or cleaning and maintenance sprays evaporate completely into the air cf. background document.
	3.2 Waste Handling and Disposal
	Waste Handling and Disposal: product residues remaining in product packages are disposed of via domestic waste
4. Obligatory RMMs onsite	RMM limiting release to air: none
	RMM Efficiency (air): n/a
	Reference for RMM Efficiency (air): n/a
	RMM limiting release to water: none
	RMM Efficiency (water): n/a
	Reference for RMM Efficiency (water): n/a
	RMM limiting release to soil: none
	RMM Efficiency (soil): n/a
	Reference for RMM Efficiency (soil): n/a
5. Exposure Assessment Input	5.1 Substance use rate
	Amount of substance use per day: to be assessed by registrant
	Fraction of EU tonnage used in region: 0.04
	Fraction of Regional tonnage used locally: 0.00075
	Justification / information source: cf. AISE Background document
	5.2 Days emitting
	Number of emission days per year: 365
	Justification / information source: cf. AISE Background document
	5.3 Release factors
	sub-SPERC identifier: n/a
	ERC: 8a
	sub-SPERC applicability: n/a
	5.3.1 Release Factor – air
	Numeric value / percent of input amount (Air): 100%

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	Justification of RFs (Air): cf. AISE Background document
	5.3.2 Release Factor – water
	Numeric value / percent of input amount (Water): 0%
	Justification of RFs (Water): cf. AISE Background document
	5.3.3 Release Factor – soil
	Numeric value / percent of input amount (Soil): 0%
	Justification of RFs (Soil): cf. AISE Background document
	5.3.4 Release Factor – waste
	Percent of input amount disposed as waste: 0.004-3.2%
	Justification of RFs: cf. AISE Background document
References to SPERC Background Document ¹	
	Ref. A.I.S.E., International Association for Soaps, Detergents and Maintenance Products. 2020. Specific Environmental Release Categories (SPERCs) for the widespread use of household care and professional cleaning and hygiene products, Background document

¹ The objective of this factsheet is to summarize the SPERC key facts provided in the corresponding SPERC background documents. It gives an overview of the SPERC essentials for the chemical safety assessment. A SPERC background document is a reference document, which provides the description of the emission situation(s) for a use specified by an industrial sector, the justification and applicability domain of the environmental release factors, and the references/information sources/methods used in the derivation of the release factors.