

FS Section	Content field
1. Title	1.1 Wide Spread Use in Aerosol products for cleaning and maintenance products (non-volatile)
	1.2 AISE SPERC 8a.1.b.v3
2. Scope	2.1 Substance/Product Domain
	Substance types / functions / properties included or excluded: Covers the use of non-volatile substances in cleaning and maintenance aerosol products. Volatile substances are defined by a boiling point threshold of $\leq 250^{\circ}\text{C}$ . Non-volatile constituents which will be picked up by a cleaning cloth after spraying onto cleaning surface and will be transferred to the waste water system in the next washing event. cf. background document for further details.
	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 non-volatile solids to indoor surfaces for cleaning and maintenance purposes
	2.3 List of applicable Use Descriptors
	LCS: PW + C
	SU: 0
3. Operational conditions	PC: 3, 8, 31, 35
	3.1 Conditions of use
	Location of use: indoor
	Water contact during use: y
	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 of air care products or cleaning and maintenance sprays completely evaporate during application.
	3.2 Waste Handling and Disposal
4. Obligatory RMMs onsite	Waste Handling and Disposal: product residues remaining in the packages are disposed with domestic waste
	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
5. Exposure Assessment Input	Reference for RMM Efficiency (soil): n/a
	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): 0%

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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): 100%
	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 <sup>1</sup>	
	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

<sup>1</sup> 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.