



International Association for Soaps,  
Detergents and Maintenance Products

# Professional Users and Safe Use Mixture Information (SUMIs)

ENES 21<sup>ST</sup> Nov. 2019

Giulia Sebastio



A.I.S.E. aisbl • Boulevard du Souverain 165 • 1160 Brussels • Belgium  
Phone: +32 2 679 62 60 • Email: aise.main@aise.eu • VAT: BE 0538 183 615

[www.aise.eu](http://www.aise.eu)

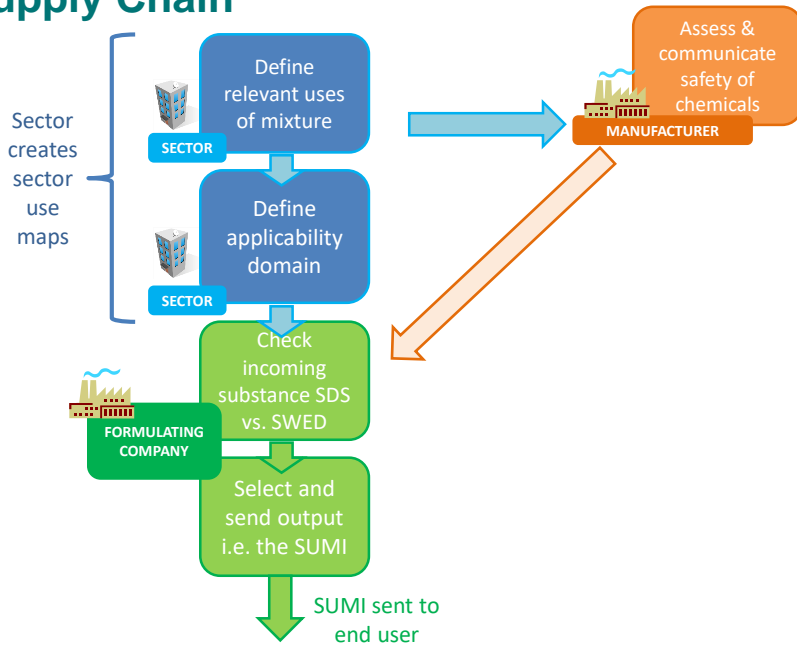
©A.I.S.E., 2019 – any reproduction or communication is prohibited

1



2

# The Supply Chain



www.aise.eu

©A.I.S.E., 2019

3



## The Detergent Producer



Options to Convey Information on Safe Use of a Mixture

- 1 - Append ES of the substances contributing to the CLP classification
- 2 - Integrate the information resulting from consolidating the ES of substances

**3 - SUMI** Endorsed option



## Cleaning company



Use the SUMI to comply with OSH\* obligations – create the workplace instructions  
 \*Consider the national specificities of OSH



www.aise.eu

©A.I.S.E., 2019

4

## Focus on the A.I.S.E. SUMIs



- SUMIs are based on application, and not the full use of the product
- AISE has created 58 SUMIs to cover various application for workers of detergents. They cover around >80% of all identified uses.
- Examples of the type of conditions covered are:
  - Professional Spraying
  - Industrial Uses, use in closed process (products where the application is highly automated, like processes with strong hygiene requirements).



[www.aise.eu](http://www.aise.eu)

©A.I.S.E., 2019

5



### SUMI\_PW\_11\_3\_G

#### Example

#### Professional Uses, Spray application

(Recto)

SUMI  
Safe Use of Mixtures Information



AISE\_SUMI\_PW\_11\_3\_G  
Version 1.1, August 2018

Professional uses; Spraying

*This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and labels.*


General description of the process covered

This SUMI applies to professional uses of products in a spraying application. This Safe Use Information is based on the AISE\_SWED\_PW\_11\_3.

Operational Conditions

Maximum duration	480 minutes per day.
Range of application / Process conditions	Indoor Use. Process carried out at room temperature. In case of dilution, tap water at a maximum temperature of 45°C is used.
Air exchange rate	Provide a basic standard of general ventilation (1 to 3 air changes per hour). No LEV required.

Risk Management Measures

Measures related to personal protective equipment (PPE), hygiene and health evaluation	Wear suitable gloves and eye protection. See section 8 of the SDS of this product for specifications.
	
Environmental measures	Training of workers in relation to proper use and maintenance of PPEs must be ensured.
	Prevent that undiluted product reaches surface waters. If appropriate AISE SPERC 8a.1.a.v2 may apply: wide dispersive use resulting in release to municipal sewage treatment plant.

[www.aise.eu](http://www.aise.eu)

A.I.S.E., 2018



6



SUMI  
Safe Use of Mixtures Information



A SWED code, stands for Sector specific Worker Exposure Description. This is related to the contributing activity risks out by management measures, associated with the conditions specified and the SDS. An example of contributing activities Environmental measures, mixture, spraying etc.

AISE\_SUMI\_PW\_11\_3\_G  
Version 1.1, August 2018


Professional uses; Spraying

A title explaining the type of use;

This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and labels.

General description of the process covered

This SUMI applies to the use of the product in the following application. This Safe Use Information is based on the AISE\_SWED\_PW\_11\_3.

Operational Conditions	
Maximum duration	480 minutes per day.
Range of application /	Indoor Use.
Process conditions	Process carried out at room temperature.
Air exchange rate	In case of dilution, tap water at a maximum temperature of 45°C is used. Provide a basic standard of general ventilation (1 to 3 air changes per hour). No LEV required.
Risk Management Measures	
Measures related to personal protective equipment (PPE), hygiene and health evaluation	Wear suitable gloves and eye protection. See section 8 of the SDS of this product for specifications.  Training of workers in relation to proper use and maintenance of PPEs must be ensured.
Environmental measures	Prevent that undiluted product reaches surface waters. If appropriate AISE SPERC 8a.1.a.v2 may apply; wide dispersive use resulting in release to municipal sewage treatment plant.

Operational conditions, including maximum duration of the use;


www.aise.eu

A.I.S.E., 2018

7

(Verso)

Additional good practice advice

Don't eat or drink. Don't smoke. Don't use in proximity of open flame.	
Wash hands after use. Avoid contact with damaged skin. Do not mix with other products.	
Spillage instructions	Dilute with fresh water and mop up.
Hygiene practices	Follow the product instructions as specified on the label or in the product information sheet and use good occupational hygiene practices as specified in Section 7 of the product SDS.

Good practice advice;

Properties of product composition;

Disclaimer

Additional information depending on product composition

The label and (when required) the Safety Data Sheet contain additional, product specific information crucial for working safely with mixtures. Please refer to the product label and SDS for information including, but not limited to: product hazard classification, potentially allergenic fragrances, notable ingredients and threshold limit values (when available).

Disclaimer

This is a document for communicating generic conditions of safe use of a product. It is the responsibility of the formulator to link this SUMI to the SDS of a specific product that he is selling.  
If a SUMI (or associated SWED) code is mentioned in the SDS of a product, the formulator of that product declares that all substances in the mixture are present in such concentration, that the use of the product within the conditions of the SUMI is safe. When available, this safe use is ensured by evaluating the results of the chemical safety assessments as performed by the raw material suppliers. When no chemical safety assessment has been carried out by the supplier for an ingredient that contributes to the classification of the mixture, the formulator has performed a safety assessment himself.  
Following Occupational Health legislation, the employer of workers that use products that are assessed as safe following SUMI conditions remains responsible for communicating relevant use information to employees. When developing workplace instructions for employees, SUMI Sheets should always be considered in combination with the SDS and the label of the product.  
This document is provided by A.I.S.E. for general information purposes only. The formulator uses the content of this document at its sole risk.  
A.I.S.E. disclaims any liability to any person or entity for any loss, damage no matter of what kind (actual, consequential, punitive or otherwise), injury, claim, liability or other cause of any kind or character based upon or resulting from the use (even partly) of the content of this document.

www.aise.eu

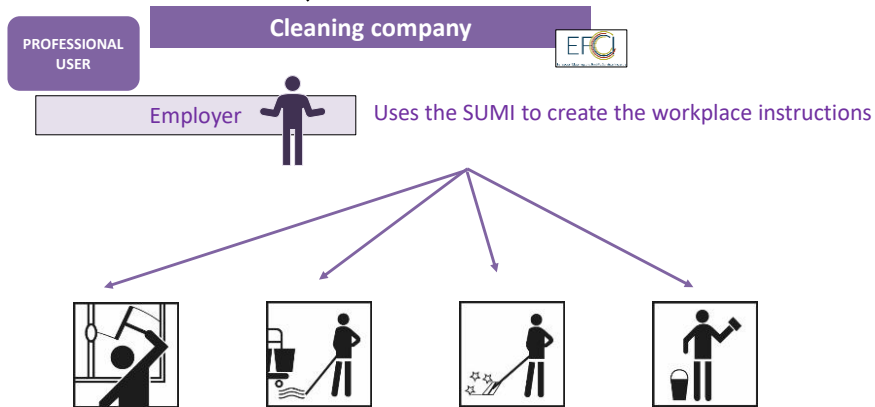
A.I.S.E., 2018

8





Cleaning company receives the SUMIs



[www.aise.eu](http://www.aise.eu)

©A.I.S.E., 2019

9

## Using the SUMIs



1. Assess which uses the manufacturer of the cleaning product has foreseen (see Section 1.2 of the SDS) and determine which of these will be applied by the worker.



Using product (neat) to remove limestone indoor

### Section 1.2 Relevant identified uses of the substance or mixture and uses advised against

Application: brushing by hand with undiluted product  
PROC19, AISE\_SWED\_PW\_19\_2



[www.aise.eu](http://www.aise.eu)

©A.I.S.E., 2019

10

# Using the SUMIs



## 2. For each use application relevant for the worker, collect the related SUMI documents.

SUMI  
Safe Use of Mixtures Information

**AISE\_SUMI\_PW\_19\_2\_G**  
Version 1.1, August 2018

*Professional uses; Manual application*

*This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and labels.*

**General description of the process covered**

This SUMI applies to professional uses where the product is brushed on a surface and there is full exposure to the hands. Safe Use Information is based on the **AISE\_SWED\_PW\_19\_2**.

**Operational Conditions**

Maximum duration	480 minutes per day.
Range of application / Process conditions	Indoor Use. Process carried out at room temperature. In case of dilution, tap water at a maximum temperature of 45°C is used.
Air exchange rate	Provide a basic standard of general ventilation (1 to 3 air changes per hour). No LEV required.

**Risk Management Measures**

Measures related to personal protective equipment (PPE), hygiene and health evaluation	Wear suitable gloves and eye protection. See section 8 of the SDS of this product for specifications. 
Environmental measures	Prevent that undiluted product reaches surface waters. <b>If appropriate AISE SPERC 8a.1.a.v2 may apply:</b> wide dispersive use resulting in release to municipal sewage treatment plant.

Application : brushing by hand with undiluted product

The concentrated product is CLP classified for skin and eyes so will receive the AISE\_SUMI\_PW\_19\_2\_G



[www.aise.eu](http://www.aise.eu)

©A.I.S.E., 2019

# Using the SUMIs



## 3. Check which operational conditions and risk management measures are relevant for safe use of the product (type of use, duration, ventilation, use of personal protective equipment, etc.)

**Operational Conditions**

Maximum duration	480 minutes per day.
Range of application / Process conditions	Indoor Use. Process carried out at room temperature. In case of dilution, tap water at a maximum temperature of 45°C is used.
Air exchange rate	Provide a basic standard of general ventilation (1 to 3 air changes per hour). No LEV required.

**Risk Management Measures**

Measures related to personal protective equipment (PPE), hygiene and health evaluation	Wear suitable gloves and eye protection. See section 8 of the SDS of this product for specifications. 
Environmental measures	Prevent that undiluted product reaches surface waters. <b>If appropriate AISE SPERC 8a.1.a.v2 may apply:</b> wide dispersive use resulting in release to municipal sewage treatment plant.

- 480 mins
- Indoor use
- No LEV
- Gloves and goggles



[www.aise.eu](http://www.aise.eu)

©A.I.S.E., 2019

## Using the SUMIs



4. Ensure that the operational conditions are applicable for the location where the product will be used (e.g. an office building).

- 480 mins
- Indoor use
- No LEV
- Gloves and goggles



Appropriate conditions

Using product (neat) to remove limestone indoor



[www.aise.eu](http://www.aise.eu)

©A.I.S.E., 2019



13

## Using the SUMIs



5. Ensure that the correct personal protective equipment is given to the worker (see section 8 of the SDS for specifications (e.g. material) of personal protective equipment).

This information to be included in workplace instructions

- 480 mins
- Indoor use
- No LEV
- Gloves and goggles

Provide



[www.aise.eu](http://www.aise.eu)

©A.I.S.E., 2019



14



## Using the SUMIs

6. Check which other information is relevant for the worker, e.g. on transport and storage (Section 7 and 14 of the SDS) and regarding first aid/accidents (Sections 4, 5 and 6 of the SDS).

7. Consider which other workplace instructions following OSH legislation are relevant for the worker.



[www.aise.eu](http://www.aise.eu)

©A.I.S.E., 2019

15



## EFCI – A.I.S.E. collaboration



**Introducing A.I.S.E.' tool: the SUMIs**  
 As producers of cleaning and maintenance products, A.I.S.E. is a key stakeholder in the cleaning and services industry, sharing many of EFCI's concerns. A.I.S.E. has recently developed a tool called "SUMIs" (Safe Use Information for End-Users) that covers the key operational conditions and risk management measures that need to be followed to safely use a detergent product.



EFCI's Secretariat believes that the tool is of core importance for the sector, as it facilitates the training of cleaners using cleaning and maintenance products. Indeed, the SUMIs are written in a simple language and contain pictograms to communicate the information clearly and succinctly. What are the SUMIs? Why are the SUMIs relevant for EFCI members? Where to find the SUMIs? What type of conditions are covered by SUMIs? Check A.I.S.E. - EFCI's article to learn more.

**Next steps:** The collaboration between EFCI and A.I.S.E. will continue on the SUMIs in the form of webinars for EFCI's members.



[www.aise.eu](http://www.aise.eu)

©A.I.S.E., 2019

16



