Professional Users and Safe Use Mixture Information (SUMIs)

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The Supply Chain

Define relevant uses of mixture
Define applicability domain
Check incoming substance SDS vs. SWED
Select and send output i.e. the SUMI

Assess & communicate safety of chemicals

SUMI sent to end user

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

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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).

SUMI_PW_11_3_G

Example

Professional Uses, Spray application

(Recto)
A SWED code stands for Sector specific Worker Exposure Description. This is related to the contributing activity carried out by the worker that is associated with the conditions specified in the SUMI. An example of such activities include transferring a mixture, spraying, etc.

Operational conditions, including maximum duration of the use;

Risk management measures, including whether gloves and goggles have to be worn during use, including Environmental measures;

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: Evoke with absorbent material and report.
- 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.

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 allergic 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 user to link this SUMI to the SDS of a specific product that he is using.

If a SWED (Sector specific Worker Exposure Description) code is mentioned in the SDS of a product, the formulation of that product must ensure that all substances in the mixture are present in such concentrations 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 supplier. When no chemical safety assessment has been carried out by the supplier for an ingredient that contributes to the classification of the mixture, the formulation has performed a safety assessment himself.

Following Occupational Health legislation, the employer of workers that use products that are stated as safe following SUMI conditions remains responsible for communicating relevant use information to employees. When the raw material instructions for employees, SUMI sheets should always be considered in combination with the SDS and the label of the product.

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Cleaning company receives the SUMIs

Cleaning company

PROFESSIONAL
USER

Employer
Uses the SUMI to create the workplace instructions

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.

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

Using product (neat) to remove limestone indoor

Application: brushing by hand with undiluted product
PROC19, AISE_SWED_PW_19_2
2. For each use application relevant for the worker, collect the related SUMI documents.

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

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.)

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

Using product (neat) to remove limestone indoor

Appropriate conditions

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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 googles

Provide

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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.

EFCI – A.I.S.E. collaboration
Questions?