

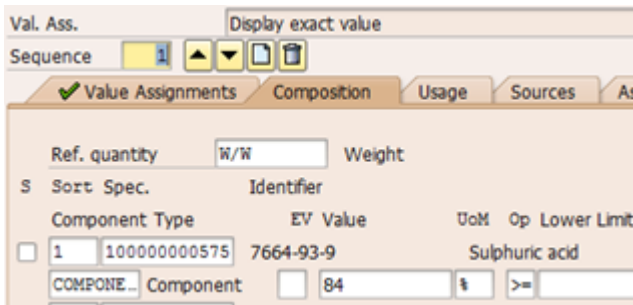
Section 3

All zones but NA

- The various dedicated "hazardous ingredients" or "hazardous composition" rules populate in the class Hazardous ingredients the components that must be reported according to the local regulations
 - It creates 1 instance per country (or group of countries)
- The rule only populates the hazardous ingredients. Nonhazardous ingredients may be manually added by the SDS writer in a separate instance of the class Hazardous ingredients (WARNING: should not be created with a world usage because the management is different for NA). The Remarks "Non Hazardous ingredients" may be added. WARNING: you must maintain the instance containing the remark with the sort sequence = 1 or the remark does not appear properly.
- The rules write back the exact % of the ingredient from the standard composition and additionally a range, based on the following table. If one of the ingredients has a specific concentration limit, then the HazardComp rule outputs this concentration and not the range.

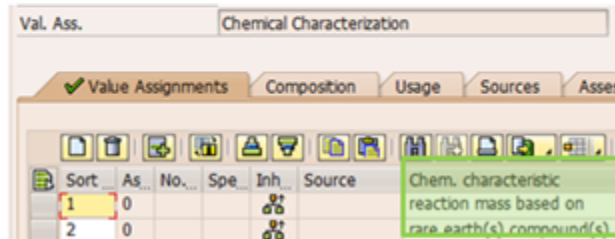
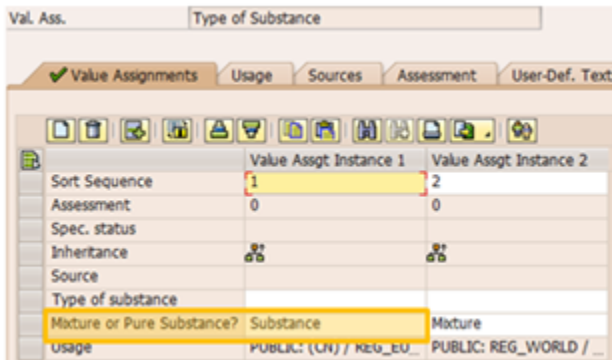
< 0.1%	≥ 30 - < 40 %
≥ 0.1 - < 0.3 %	≥ 40 - < 50 %
≥ 0.3 - < 0.5 %	≥ 50 - < 60 %
≥ 0.5 - < 1 %	≥ 60 - < 70 %
≥ 1 - < 5 %	≥ 70 - < 80 %
≥ 5 - < 10 %	≥ 80 - < 90 %
≥ 10 - < 15 %	≥ 90 - < 95 %
≥ 15 - < 20 %	≥ 95 - < 99 %
≥ 20 - < 25 %	≥ 99 - < 100 %
≥ 25 - < 30 %	

- Only the range is displayed on the SDS. If the SDS writer wants to display an exact %, this must be done in the class Display exact value.
 - No need to modify the result of the rule in the class Hazardous ingredients, the exact % maintained in this dedicated class will take over
 - You must indicate a usage.** This cannot be used for Japan as display of concentration in this country must obey regulatory requirements that are taken into account by the dedicated rule



- 3 choices for the type of substance: substance, mixture or Pure substance. With the latter:
 - The classification of the substance will not appear in section 3
 - The data of this Pure Sub will automatically appear in the section 11 and 12, without repeating its name
 - In the countries where reporting of ingredients that not classified according to GHS but have OEL values is voluntary, the rules output such ingredients in a separate instance with the Remarks "Other substances with occupational exposure limits"

New Zealand: The SDS template automatically displays a line with the info "Non-hazardous ingredients... Balance" at the end of the hazardous ingredients table, unless the phrase "Balance not displayed (AU/NZ)" is filled in the Remarks characteristic of the NZ instance. NZ - A dedicated instance for Ototoxic ingredient can be maintained if applicable



Val. Ass.		Hazardous Ingredients	
<div style="display: flex; justify-content: space-between;"> Value Assignments Composition Usage Sources Assessment </div>			
<div style="display: flex; justify-content: space-between;"> Value Assgt Instance 234 Value Assgt Instance 309 </div>			
Sort Sequence	234		309
Assessment	0		0
No. components	001		001
Spec. status			
Inheritance			
Source	EHS-Expert		
Remarks	Other substances with occupati		Non-hazardous ingredients
Usage	PUBLIC: BE		PUBLIC: REG_EU

3.1 Substance

- Chemical nature reaction mass based on rare earth(s) compound(s)
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Information on Components and Impurities

Chemical Name	Identification number	Classification 67/548/EEC	Classification REGULATION (EC) No 1272/2008	Concentration (%)
Other substances with occupational exposure limits				
Lanthanum fluoride	CAS-No. : 13709-38-1 EINECS-No. : 237-252-8		not classified	< 20
Non-hazardous ingredients				
Reaction Mass Of Cerium Dioxide And Lanthanum Fluoride And Lanthanum Oxide		not classified;	not classified	80 - 100
		Registration number: 01-2119541810-46-0000		
		self classification		

3.2 Mixture

Not applicable, this product is a substance.

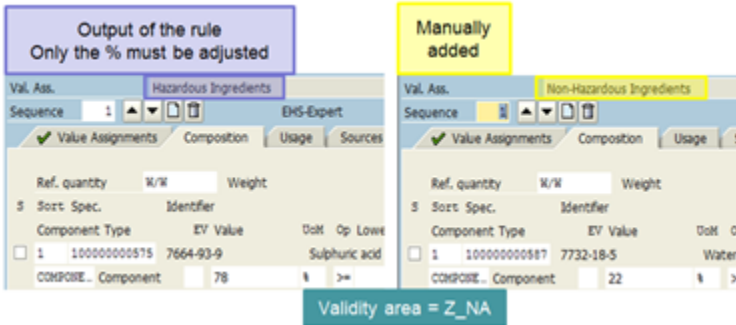
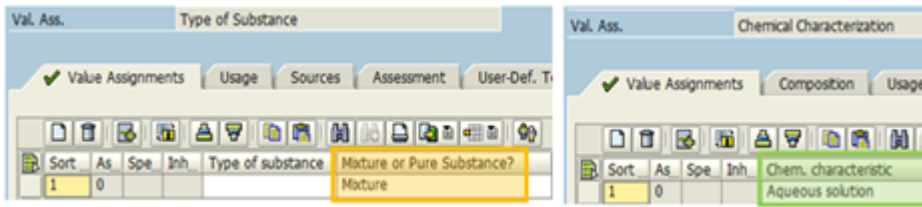
New Zealand:

		Category A ; H431	
Non-hazardous ingredients *			Balance

* (Ingredients present at non-hazardous concentrations, according to criteria of the Hazardous Substances (Classification) Regulations 2001 (New Zealand), based on available information).

NA

- The "hazardous composition" rule populates a result Z_NA valid for US and Canada in the class Hazardous ingredients
- The rule only populates the hazardous ingredients. Nonhazardous ingredients may be manually added by the SDS writer in the dedicated class Non Hazardous ingredients
- The GHS classification of ingredients are not displayed
- No product identifiers displayed in section 3



3.1 Substance

Not applicable, this product is a mixture.

3.2 Mixture

- Chemical nature Aqueous solution

Hazardous Ingredients and Impurities

Chemical Name	Identification number CAS-No.	Concentration [%]
Sulfuric acid	7664-93-9	84

Non-Hazardous Ingredients and Impurities

Chemical Name	Identification number CAS-No.	Concentration [%]
Water	7732-18-5	16