

Section 15

NOTIFICATION STATUS

- There is a set of rules that can help you determine the inventory status of a product:
 - ZEXP_NOTS EHS-Expert: Notstat - Stand.compo/ WORLD
 - ZEXP_NOTE EHS-Expert: Notstat-Exact compo RM/WORLD
 - The difference between the 2 is that the first reads only the standard composition, and therefore CAS listings, while the second reads the Exact Composition based on products and therefore a mix of CAS listings and Products listings (if Products listings have been manually maintained by the Product Steward based on the Supplier SDS)
 - The rules output a result for the following countries:
 - TSCA (North America)
 - DSL-NDSL (Canada)
 - AICS (Australia)
 - ENCS (Japan)
 - KECI (Korea)
 - IECSC (China)
 - PICCS (Philippines)
 - However other inventories can be maintained manually, such as REACH, Mexico, New Zealand and Taiwan
 - More information about the rules can be found in the dedicated training item
- Many phrases are available in Additional information to provide more details about an inventory listing
- If you want to indicate an alternative CAS# for a particular inventory, you have to maintain the correct Remarks in a separate instance with no Notification basis nor Regulatory list and add the PURE_SUB in the Composition tab of the newly created instance (see example in the Notstat training item)
- More characteristics are mapped on the template:

Val. Ass. Notification Status	
Value Assgt Instance 1	
Sort Sequence	1
Assessment	0
No. components	
Spec. status	
Inheritance	
Source	EHS-Expert
Notification basis	United States TSCA Inventory
Regulatory list	TSCA
Revision	01/01/2999
List notification	Listed
Component notification	
Notification	v (positive listing)
Additional info	Drilling applications Low volume exemption
Notification date	10/14/2014
Notification number	1
Remarks	New chemical substance « According to the inform
Usage	PUBLIC: REG_WORLD

Inventory Information	Status
United States TSCA Inventory	Drilling applications, Low volume exemption
	New chemical substance, « According to the information given by the supplier »
	Listed
	US.TSCA - Number: 1

LA

- All LA SDS templates enable to display NA regulations, if maintained with LA validity area.

- 15. Regulatory Information
 - ✓ HMIS Rating (US)
 - NFPA Rating (US)
 - ✓ WHMIS Classification (CA)
 - ✓ Prohibitions and Restrictions
 - ✓ Information About Other Regulations

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

HMIS-Classification

Health	3 serious
Flammability	2 moderate
Reactivity	0 minimal
PPE	Determined by User; dependent on local conditions

NFPA-Classification

Health	4 severe
Flammability	2 moderate
Instability or Reactivity	0 minimal

WHMIS Classification

Classification

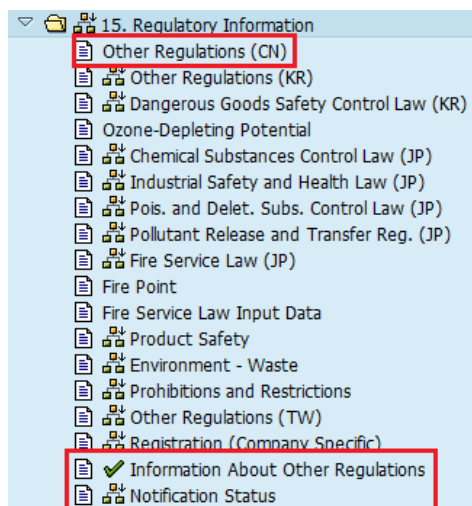
--- D B3: Combustible Liquid
D1A: Very Toxic Material Causing Immediate and Serious Toxic Effects
E: Corrosive Material

- Other information can be maintained in the class "Information about other regulations"

ASIA

CHINA

- The template automatically displays the following phrases, at the beginning of section 15:
 - "Following last version of regulations are applicable for the chemical classification, SDS and label:
 - General Rule for classification and hazard communication of chemicals, GB 13690
 - Series standards of Safety rules for classification, precautionary labeling and precautionary statements of chemicals, GB 30000.2~GB 30000.29
 - General rules for preparation of precautionary label for chemicals, GB 15258
 - Safety data sheet for chemical products—Content and order of sections, GB/T 16483"



The template can also display the following classes:

- Other regulation (CN). Some lists can be manually maintained in this class, if relevant, with the name of the ingredient(s) concerned by the list :
 - Key controlled hazardous chemical
 - Hazardous Chemical List of China
 - China.Toxic chemicals at workplace
 - China. Highly toxic chemicals at workplace
 - China. Hyper Toxic Chemical Inventory
 - Information about other regulations
 - Notification status

KOREA



The template can display the following classes:

- Other regulation (KR)
- Dangerous Goods Safety Control Law (KR)
- Information about other regulations
- Notification status

Japan



- The template can display the following classes:
 - Ozone-Depleting Potential
 - Chemical Substances Control Law (JP)
 - Industrial Safety and Health Law (JP)
 - Pois. and Delet. Subs. Control Law (JP)
 - Pollutant Release and Transfer Reg. (JP)
 - Fire Service Law (JP)
 - Product Safety
 - Environment – Waste
 - Marine Pollutant (JP)
 - Information about other regulations
 - Notification status

EUROPE

- Regulatory phrases are still chosen from the class Information About Other Regulations but they can be either:
 - Entered manually
 - For the On Demand Service, their set of phrases have been maintained in the “Master for Section 15.1 EU (regulatory phrases)” (600000001042) and can be inherited using the template “INFOREG_15”
 - Outputted by EU Local Parts Rules :
 - RegInfo HU
 - RegInfo RS

- RegInfo SI

Val. Ass. Information About Other Regulations

Value Assignments Usage Sources Assessment User-Def. T

S	A	S	I	Source	Other regulations (SDS)	Usage
1	0				Council Directive 98/24/EC of 7 Ap...	PUBLIC: REG_EU
5	0			EHS-Expert	2000 XXV. Law on chemical safety	PUBLIC: HU
6	0			EHS-Expert	Rulebook on classification, packagin...	PUBLIC: RS
					Rulebook on classification, packagin...	
7	0			EHS-Expert	Chemicals Act	PUBLIC: SI

- There are other rules to populate country specific content:
 - FR: Maladies professionnelles => outputted in the class Health
 - DE: CMR_EU => CMR Classification (EMEA) (appears under TRGS 905)
 - DE: TRGS510 => outputted in the class Storage Class **in section Z**
 - DE: Seveso II => outputted in the class Major Accident Hazards (EU)
 - DE: TI-Air Quality => outputted in the class Classification According to TA Luft (DE)
 - DE: WGK => outputted in the class Water Pollution (DE)

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Water contaminating class (Germany) ~~nwg~~ not water endangering
VwVwS

TRGS 905 - Carcinogenic, mutagenic or reprotoxic substances

ethylene

Category Carcinogenic: -
Category Mutagenic: Mut.Cat.3
Category RF: RF(-)
Category RE: RE(-)

--- D R A F T ---

Take note of Hazardous Substances Ordinance, Article 10: Special Protective Measures for Activities Involving Hazardous Substances that are Carcinogenic, Mutagenic and Toxic to Reproduction
Observe specific occupational hygiene regulations for ~~cmt~~-substances

- REACH Chemical Safety Assessment: "Test substances" should be maintained as remarks

Val. Ass. REACH Chemical Safety Assessment

Value Assignments Composition Usage Sources Assessment

	Value Assgt Instance 1	Value Assgt Instance 2
Sort Sequence	1	2
Assessment	0	0
No. components		
Spec. status		
Inheritance		
Source		
Chemical Safety Assessment	A Chemical Safety Asses...	See Exposure scenario
Remarks	Hydrogen peroxide	
Usage	PUBLIC: REG_EU	PUBLIC: REG_EU

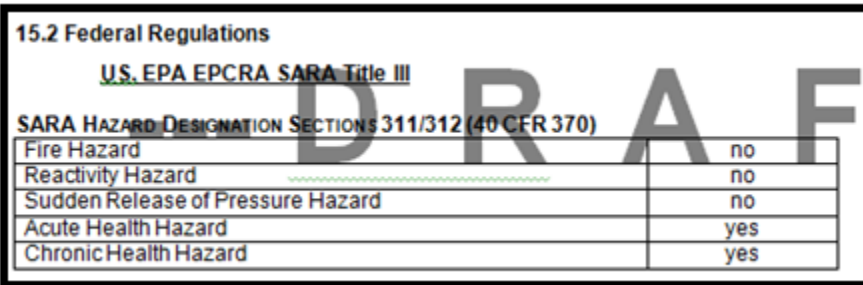
15.2 Chemical Safety Assessment

- A Chemical Safety Assessment has been carried out for this substance.
- Hydrogen peroxide
- See Exposure scenario

NA



- SARA Hazard Classification (US)
 - This class is populated completely manually. Simply add the necessary SARA Hazards out of the choices Acute, Chronic, Fire, Pressure, Reactive. If nothing is chosen, this section will not appear on the SDS. If the product has no SARA hazards and it is desired to show the “No” for all five hazards on the SDS, then choose the phrase “No SARA Hazards”.

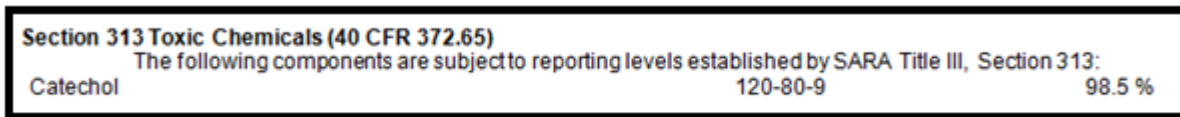


- Hazard Information Reporting (RTK) (US)
 - This class is populated by the rule EHS-Expert: Hazardous ingredients US and EHS-Expert: US Right to Know. The results of the rule

Sort	As	No.	S.	I.	Source	Regulatory	Regulatory list	Revi.	Val.	Form	Val.	No.	No.	Let.	Remarks
1	0	001			EHS-Exp.	US. EPA Em.	ZUS_SAR313								The following components are subject to reporti...
2	0	001			EHS-Exp.	US. EPA Em.	ZUS_SAR302								The following components are subject to reporti...
3	0	004			EHS-Exp.	US. Pennsylv.	ZUSPA_RTK								
4	0	003			EHS-Exp.	US. Massach.	ZUSMA_RTK								
5	0	001			EHS-Exp.	US. New Je.	ZUSNJ_RTK								

can always be modified.

- US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) – Supplier Notification Required



- US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)

Section 302 Emergency Planning Extremely Hazardous Substance Threshold Planning Quantity (40 CFR 355)

The following components are subject to reporting levels established by SARA Title III, Section 302:

Ingredients	CAS-No.	Threshold planning quantity	Remarks
Hydroquinone	123-31-9	10000 lb	
		500 lb	Form: solution
		500 lb	Form: molten
		500 lb	Form: powder
		500 lb	Form: Reactive solid

- US. Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323)
 - This is not displayed on the SDS. The information is populated by the rule and maintained in SAP for information purposes. The listed ingredients can be seen in the Composition tab.

Ref. quantity	W/W	Weight
S	Sort Spec.	Identifier
Component Type	EV Value	UoM Op Lower Limit Op Upper Limit
<input type="checkbox"/> 1	100000000807	120-80-9 catechol
Z_CONST	Constituent	98.5 % >= 90 - <= 100
<input type="checkbox"/> 2	100000000435	65-85-0 Benzoic acid
IMPURITY	Impurity	0.399 % >= 0.1 - < 1
<input type="checkbox"/> 3	100000000146	123-31-9 Hydroquinone
IMPURITY	Impurity	0.149 % >= 0.1 - < 1
<input type="checkbox"/> 4	100000000097	108-95-2 Phenol
IMPURITY	Impurity	0.099 % >= 0 - < 0.1

- US. Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)
 - This is not displayed on the SDS. The information is populated by the rule and maintained in SAP for information purposes. The listed ingredients can be seen in the Composition tab.

Ref. quantity	W/W	Weight
S	Sort Spec.	Identifier
Component Type	EV Value	UoM Op Lower Limit Op Upper Limit
<input type="checkbox"/> 1	100000000807	120-80-9 catechol
Z_CONST	Constituent	98.5 % >= 90 - <= 100
<input type="checkbox"/> 2	100000000146	123-31-9 Hydroquinone
IMPURITY	Impurity	0.149 % >= 0.1 - < 1
<input type="checkbox"/> 3	100000000097	108-95-2 Phenol
IMPURITY	Impurity	0.099 % >= 0 - < 0.1

- US. New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)
 - This information is populated by the rule and by default, this information is not displayed on the SDS. It is optional to display it on the SDS. If it is desired to display it on the SDS, entered the phrase "Display on SDS" in the Remarks field. Both the listed components and the percentages can be manually modified.

Value Assgt Instance 5
5
0
001
EHS-Expert
US. New Jersey Worker...
ZUSNJ_RTK
Display on SDS <input checked="" type="checkbox"/>
PUBLIC: US

U.S. New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)		
Ingredients	CAS-No.	Concentration
Catechol	120-80-9	>= 90 <= 100 %

- Spill Reporting (US)
 - This is populated by the EHS-Expert: Spill Reporting rule. Each ingredient is stored as a new instance. The RQ value for each ingredient is coming from the CLEO data (via the LIST_SUB)

Sort	As	No.	Spe	Inh	Source	Regulatory basis	Regulatory list	Re	Value	Value in	Non
1	0	001			EHS-Expert	US. EPA Emergency Planning and Community Right-To...	ZUS_SAR302		Repor...	67114	b
2	0	001			EHS-Expert	US. EPA Emergency Planning and Community Right-To...	ZUS_SAR302		Repor...	1010101	b
3	0	001			EHS-Expert	SARA 304 - Emergency Release Notification	ZUS_SAR304		Repor...	67114	b
4	0	001			EHS-Expert	SARA 304 - Emergency Release Notification	ZUS_SAR304		Repor...	1010101	b
5	0	001			EHS-Expert	US. EPA CERCLA Hazardous Substances (40 CFR 302)	ZUS_CERCLA		Repor...	102	b
6	0	001			EHS-Expert	US. EPA CERCLA Hazardous Substances (40 CFR 302)	ZUS_CERCLA		Repor...	67114	b
7	0	001			EHS-Expert	US. EPA CERCLA Hazardous Substances (40 CFR 302)	ZUS_CERCLA		Repor...	1010101	b
8	0	001			EHS-Expert	US. EPA CERCLA Hazardous Substances (40 CFR 302)	ZUS_CERCLA		Repor...	1253133	b

- US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)

Section 302 Emergency Planning Extremely Hazardous Substance Reportable Quantity (40 CFR 355)		
Ingredients	CAS-No.	Reportable quantity
Hydroquinone	123-31-9	100 lb
Phenol	108-95-2	1000 lb

- SARA 304 - Emergency Release Notification

Section 304 Emergency Release Notification Reportable Quantity (40 CFR 355)		
Ingredients	CAS-No.	Reportable quantity
Hydroquinone	123-31-9	100 lb
Phenol	108-95-2	1000 lb

- US. EPA CERCLA Hazardous Substances (40 CFR 302)

U.S. EPA CERCLA Hazardous Substances and Reportable Quantities (40 CFR 302.4)

Ingredients	CAS-No.	Reportable quantity
Catechol	120-80-9	100 lb
Hydroquinone	123-31-9	100 lb
Phenol	108-95-2	1000 lb
Benzoic acid	65-85-0	5000 lb

- Clean Air Act (US)
 - This is not displayed on the SDS. The information is populated by the rule and maintained in SAP for information purposes. This is populated by the rule EHS-Expert: Clean Air Act.
 - Click the Composition tab to see the ingredients listed for each regulation.

Sort	As	No.	Spe	Inh	Source	Regulatory Basis	Regulatory List	Rev	Cat	Va	Value	Unit	Additi	Remarks	Usage
1	0	003			EHS-	US. Clean Air Act - Hazardou...	ZUS_CAAHAP							The following chemical(s) are list...	PUBLIC: US
2	0				EHS-	US. Clean Air Act Section 11...	ZUS_CAA112							This product does not contain a...	PUBLIC: US

- VOC
 - This is not displayed on the SDS. The information is populated by the rule and maintained in SAP for information purposes. This is populated by the rule EHS-Expert: Clean Air Act.
 - Click the Composition tab to see the ingredients listed for each regulation.

Sort	Regulatory Basis	Regulatory List	Revision	VOC	VOC	Volatl	Volat	Proport	Method	Remarks	Usage
1	US. Clean Air Act Section 11...	ZUS_CAA111								The fol...	PUBLIC: US

Ref. quantity	W/W	Weight
1000000000435	65-85-0	Benzoic acid
IMPURITY	Impurity	0.399
1000000000146	123-31-9	Hydroquinone
IMPURITY	Impurity	0.149
1000000000097	108-95-2	Phenol
IMPURITY	Impurity	0.099

- Clean Water Act (US)
 - This is not displayed on the SDS. The information is populated by the rule and maintained in SAP for information purposes. This is populated by the rule EHS-Expert: Clean Water Act.
 - Click the Composition tab to see the ingredients listed for each regulation.

Sort	As	No.	Spe	Inh	Source	Regulatory Basis	Regulatory List	R	Cat	Val	Value	Unit	A	Remarks	Usage
1	0	002			EHS-Expert	USA. Clean Water ...	ZUS_CWA							The following Hazardous Substances ...	PUBLIC: US
2	0	002			EHS-Expert	USA. Clean Water ...	ZUS_CWARQ							The following Hazardous Chemicals ar...	PUBLIC: US

- California Proposition 65 (US)
 - This information is populated by the rule EHS-Expert: Hazardous ingredients US. Once instance is created for each different listing under CA Prop 65. Click the composition tab to view the listed ingredients.

Sort ...	As...	No...	Spe...	Inh...	Source	Regulatory basis	Regulatory list	Revision	Date on List	Type of Toxicity
1	0	001			EHS-Expert	US. California Safe ...	ZUSCA_P65			WARNING! This pr...

Value Assignments Composition Usage Sources Assessment User-Def. Text

Ref. quantity W/W Weight

S Sort Spec. Identifier

Component Type EV Value UoM Op Lower Limit Op Upper Limit

<input type="checkbox"/>	100000000807	120-80-9	catechol							
Z_CONST	Constituent									-

15.3 State Regulations

U.S. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

WARNING! This product contains a chemical known in the State of California to cause cancer.

Ingredients	CAS-No.
Catechol	120-80-9

- By default, percentages will not be populated. The rule will not handle this. If you desire to show the percentages on the SDS (especially needed in the cases of indicating a listed ingredient is at a very low PPM/PPB level), then you can manually add these levels.

Value Assignments Composition Usage Sources Assessment User-Def. Text

Ref. quantity W/W Weight

S Sort Spec. Identifier

Component Type EV Value UoM Op Lower Limit Op Upper Limit

<input type="checkbox"/>	100000000807	120-80-9	catechol							
Z_CONST	Constituent			PPM						- < 100

15.3 State Regulations

U.S. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

WARNING! This product contains a chemical known in the State of California to cause cancer.

Ingredients	CAS-No.	Concentration
Catechol	120-80-9	< 100 PPM

- TSCA Lists (US)
 - This is populated by the Notification Status rule. Click the composition tab to see listed ingredients for the regulation TSCA 12B.

Value Assignments Composition Usage Sources Assessment User-Def. Text

Sort ... As... No... Spe... Inh... Source Regulatory basis Regulatory list

1	0	001			EHS-Expert	US. Toxic Substan...	ZUS_T12B
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Value Assignments Composition Usage Source

Ref. quantity W/W Weight

Sort Spec. Identifier

Component Type EV Value UoM Op Lo

1	100000000807	120-80-9	catechol
Z_CONST	Constituent	98.5	

U.S. TSCA Section 12(b) Export Notification (40 CFR 707)

U.S. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)

Ingredients	CAS-No.
Catechol	120-80-9

- Prohibitions and Restrictions
 - This can be used to add various pieces of information, for example, FDA and 21 CFR information as shown below. The information entered here will appear in Chapter 15.2 under the subheading "Other regulations".

Sort	Regulatory basis	Regulat.	Revi.	Cat.	Numb.	Rest.	Value type	Value	Unit	Exe.	Co.	Status
1	FDA status											This product meets the compositional requirements of: 21 CFR 175.105 ADHESIVES 21 CFR 178.3120 ANIMAL GLUE 21 CFR 178.3400 EMULSIFIERS AND/OR SURFACE ACTIVE AG...

Other regulations

FDA status

- This product meets the compositional requirements of:
- 21 CFR 175.105 ADHESIVES
- 21 CFR 178.3120 ANIMAL GLUE
- 21 CFR 178.3400 EMULSIFIERS AND/OR SURFACE ACTIVE AGENTS

- Information About Other Regulations

Section 302 Emergency Planning Extremely Hazardous Substance Threshold Planning Quantity (40 CFR 355)
The following components are subject to reporting levels established by SARA Title III, Section 302:

Ingredients	CAS-No.	Threshold planning quantity	Remarks
Hydroquinone	123-31-9	10000 lb	
		500 lb	Form: solution
		500 lb	Form: molten
		500 lb	Form: powder
		500 lb	Form: Reactive solid

CANADA

- WHMIS Classification (CA). This information is manually maintained. Choose WHMIS as the regulatory basis and select the appropriate WHMIS classifications from the match code.

Value Assgt Instance 1		
Sort Sequence	1	
Assessment	0	
No. components		
Spec. status		
Inheritance		
Source		
Regulatory Basis	Canada. WHMIS - Work...	
Regulatory List		
Revision		
Spec. Concentration Limit in %		
Class	Flammable liquid	Toxic Material Causing O...
WHMIS Regulatory Status		
Remarks		
Usage	PUBLIC: Z_NA	

- Canadian Regulatory Lists (CA)
 - This is populated by the rule EHS-Expert: WHMIS Composition (CA) to maintain ingredients on lists such as "Canada. Canadian Environmental Protection Act (CEPA). WHMIS Ingredient Disclosure List (Can. Gaz., Part II, Vol. 122, No. 2)".
 - Click the composition tab to see the ingredients on the list. They can be adjusted manually if needed.

Value Assignments								
Composition			Usage		Sources		Assessment	
Sort ...	As...	No...	Spe...	Inh...	Source	Regulatory basis	Regulatory list	
1	0	001			EHS-Expert	Canada. Canadian ...	ZCA_WHMIS	

Value Assignments									
Composition			Usage		Sources		Assessment		User-Def
Ref. quantity	W/W	Weight							
Sort Spec.	Identifier								
Component Type	EV Value	UoM	Op	Lower Limit	Op	Upper Limit			
	100000000807	120-80-9		catechol					
Z_CONST	Constituent								

- PBT List (CA)
 - This information is populated by the rule EHS-Expert: CA PBT for information only.
 - Click the composition tab to see the ingredients on the list. It is NOT mapped to the template.