

**Committee of Experts on the Transport of Dangerous Goods  
and on the Globally Harmonized System of Classification  
and Labelling of Chemicals**

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**Sub-Committee of Experts on the Globally  
Harmonized System of Classification and Labelling  
of Chemicals**

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Item 4 (b) of the provisional agenda

**Hazard communication:  
improvement of annexes 1 to 3 and further  
rationalization of precautionary statements**

**Proposed changes to Annex 3 of the GHS to improve medical  
response precautionary statements (P310 to P315)**

**Transmitted by the expert from the United Kingdom on behalf of the  
working group on improving Annexes 1, 2 and 3 of the GHS**

## Part I

### Examples of combination PS using the new medical response statements that could appear in practice on labels

1. For substances or mixtures classified as aspiration hazard, categories 1 or 2:

**IF SWALLOWED: Get immediate emergency medical help\***. (P301 + P316)

\* Provision to add 'Call' followed by the appropriate emergency telephone number, or the appropriate emergency medical help provider, for example, a Poison Centre, Emergency Centre or Doctor.

2. For substances or mixtures classified as acute toxicity, inhalation, category 5:

**IF INHALED: Get medical help.** (P304 + P317)

3. For substances or mixtures classified as skin sensitiser, category 1, 1A or 1B:

**If skin irritation or rash occurs: Get medical help.** (P333 + P317)

4. For substances or mixtures classified as serious eye damage, category 1:

**IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical help.** (P305 + P351 + P338 + P317)

5. For substances or mixtures classified as skin corrosive, category 1, 1A, 1B or 1C:

**IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get immediate emergency medical help\***. (P301 + P330 + P331 + P316)

\* Provision to add 'Call' followed by the appropriate emergency telephone number, or the appropriate emergency medical help provider, for example, a Poison Centre, Emergency Centre or Doctor.

## Part II

### Annex 3

#### Section 2

##### Codification of Precautionary Statements

**A3.2.3.5** In cases where additional information is required, or information **either** has to be **or may be** specified, this is indicated by a relevant entry in column (5) in plain text.

**A3.2.3.9** Where precautionary statements become obsolete, 'deleted' is inserted under the existing code in column 1 of the tables in this Section to avoid potential confusion between codes used in different editions of the GHS.

Table A3.2.3: Codification of response precautionary statements

Code (1)	Response precautionary statements (2)	Hazard class (3)	Hazard category (4)	Conditions for use (5)
P301	<b>IF SWALLOWED:</b>	Acute toxicity, oral (chapter 3.1)	1, 2, 3, 4, 5	
		Skin corrosion (chapter 3.2)	1A, 1B, 1C	
		Aspiration hazard (chapter 3.10)	1, 2	
P302	<b>IF ON SKIN:</b>	Flammable liquids (chapter 2.6)	1, 2, 3	
		Pyrophoric liquids (chapter 2.9)	1	
		Pyrophoric solids (chapter 2.10)	1	
		Substances and mixtures which, in contact with water, emit flammable gases (chapter 2.12)	1, 2	
		Acute toxicity, dermal (chapter 3.1)	1, 2, 3, 4, 5	
		Skin corrosion (chapter 3.2)	1A, 1B, 1C	
		Skin irritation (chapter 3.2)	2	
		Skin sensitization (chapter 3.4)	1, 1A, 1B	
P303 <del>deleted</del>	<del><b>IF ON SKIN (or hair):</b></del>	Flammable liquids (chapter 2.6)	1, 2, 3	
		Skin corrosion (chapter 3.2)	1A, 1B, 1C	
P304	<b>IF INHALED:</b>	Acute toxicity, inhalation (chapter 3.1)	1, 2, 3, 4, 5	
		Skin corrosion (chapter 3.2)	1A, 1B, 1C	
		Respiratory sensitization (chapter 3.4)	1, 1A, 1B	
		Specific target organ toxicity, single exposure; respiratory tract irritation (chapter 3.8)	3	
		Specific target organ toxicity, single exposure; narcotic effects (chapter 3.8)	3	
P305	<b>IF IN EYES:</b>	Skin corrosion (chapter 3.2)	1A, 1B, 1C	
		Serious eye damage (chapter 3.3)	1	
		Eye irritation (chapter 3.3)	2A, 2B	
P306	<b>IF ON CLOTHING:</b>	Oxidizing liquids (chapter 2.13)	1	
		Oxidizing solids (chapter 2.14)	1	
P308	<b>IF exposed or concerned:</b>	Germ cell mutagenicity (chapter 3.5)	1A, 1B, 2	

Code (1)	Response precautionary statements (2)	Hazard class (3)	Hazard category (4)	Conditions for use (5)
		Carcinogenicity (chapter 3.6)	1A, 1B, 2	
		Reproductive toxicity (chapter 3.7)	1A, 1B, 2	
		Reproductive toxicity, effects on or via lactation (chapter 3.7)	Additional category	
		Specific target organ toxicity, single exposure (chapter 3.8)	1, 2	
P310 deleted	<del>Immediately call a POISON CENTER/doctor/...</del>	Acute toxicity, oral (chapter 3.1)	1, 2, 3	...Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.
		Acute toxicity, dermal (chapter 3.1)	1, 2	
		Acute toxicity, inhalation (chapter 3.1)	1, 2	
		Skin corrosion (chapter 3.2)	1A, 1B, 1C	
		Serious eye damage (chapter 3.3)	1	
		Aspiration hazard (chapter 3.10)	1, 2	
P311 deleted	<del>Call a POISON CENTER/doctor/...</del>	Acute toxicity, inhalation (chapter 3.1)	3	...Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.
		Respiratory sensitization (chapter 3.4)	1, 1A, 1B	
		Specific target organ toxicity, single exposure (chapter 3.8)	1, 2	
P312 deleted	<del>Call a POISON CENTER/doctor/...if you feel unwell.</del>	Acute toxicity, oral (chapter 3.1)	4, 5	...Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.
		Acute toxicity, dermal (chapter 3.1)	3, 4, 5	
		Acute toxicity, inhalation (chapter 3.1)	4, 5	
		Specific target organ toxicity, single exposure; respiratory tract irritation (chapter 3.8)	3	
		Specific target organ toxicity, single exposure; narcotic effects (chapter 3.8)	3	

Code (1)	Response precautionary statements (2)	Hazard class (3)	Hazard category (4)	Conditions for use (5)
P313 deleted	<del>Get medical advice/attention.</del>	<del>Skin irritation (chapter 3.2)</del>	<del>2, 3</del>	Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.
		<del>Eye irritation (chapter 3.3)</del>	<del>2A, 2B</del>	
		<del>Skin sensitization (chapter 3.4)</del>	<del>1, 1A, 1B</del>	
		<del>Germ cell mutagenicity (chapter 3.5)</del>	<del>1A, 1B, 2</del>	
		<del>Carcinogenicity (chapter 3.6)</del>	<del>1A, 1B, 2</del>	
		<del>Reproductive toxicity (chapter 3.7)</del>	<del>1A, 1B, 2</del>	
		<del>Reproductive toxicity, effects on or via lactation (chapter 3.7)</del>	<del>Additional category</del>	
P314 deleted	<del>Get medical advice/attention if you feel unwell.</del>	<del>Specific target organ toxicity, repeated exposure (chapter 3.9)</del>	<del>1, 2</del>	<del>Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.</del>
P315 deleted	<del>Get immediate medical advice/attention.</del>	<del>Gases under pressure (chapter 2.5)</del>	<del>Refrigerated liquefied gas</del>	<del>Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.</del>
P316	<del>Get immediate emergency medical help.</del>	<del>Acute toxicity, oral (chapter 3.1)</del>	<del>1, 2, 3</del>	Competent Authority or manufacturer / supplier may add, 'Call' followed by the appropriate emergency telephone number, or the appropriate emergency medical help provider, for example, a Poison Centre, Emergency Centre or Doctor.
		<del>Acute toxicity, dermal (chapter 3.1)</del>	<del>1, 2</del>	
		<del>Acute toxicity, inhalation (chapter 3.1)</del>	<del>1, 2, 3</del>	
		<del>Skin corrosion (chapter 3.2)</del>	<del>1A, 1B, 1C</del>	
		<del>Respiratory sensitization (chapter 3.4)</del>	<del>1, 1A, 1B</del>	
		<del>Specific target organ toxicity, single exposure; (chapter 3.8)</del>	<del>1, 2</del>	
		<del>Aspiration hazard (chapter 3.10)</del>	<del>1, 2</del>	
P317	<del>Get medical help.</del>	<del>Gases under pressure (chapter 2.5)</del>	<del>Refrigerated liquefied gas</del>	
		<del>Acute toxicity, oral (chapter 3.1)</del>	<del>4, 5</del>	
		<del>Acute toxicity, dermal (chapter 3.1)</del>	<del>3, 4, 5</del>	
		<del>Acute toxicity, inhalation (chapter 3.1)</del>	<del>4, 5</del>	
		<del>Skin irritation (chapter 3.2)</del>	<del>2, 3</del>	

Code (1)	Response precautionary statements (2)	Hazard class (3)	Hazard category (4)	Conditions for use (5)
		Serious eye damage (chapter 3.3)	1	
		Eye irritation (chapter 3.3)	2A, 2B	
		Skin sensitization (chapter 3.4)	1, 1A, 1B	
P318	<b>If exposed or concerned, get medical advice.</b>	Germ cell mutagenicity (chapter 3.5)	1A, 1B, 2	
		Carcinogenicity (chapter 3.6)	1A, 1B, 2	
		Reproductive toxicity (chapter 3.7)	1A, 1B, 2	
		Reproductive toxicity, effects on or via lactation (chapter 3.7)	Additional category	
P319	<b>Get medical help if you feel unwell.</b>	Specific target organ toxicity, single exposure; respiratory tract irritation (chapter 3.8)	3	
		Specific target organ toxicity, single exposure; narcotic effects (chapter 3.8)	3	
		Specific target organ toxicity, repeated exposure (chapter 3.9)	1, 2	

P301 + P310 P316	<b>IF SWALLOWED: Immediately call a POISON CENTER/doctor/...Get immediate emergency medical help.</b>	Acute toxicity, oral (chapter 3.1) Aspiration hazard (chapter 3.10)	1, 2, 3 1, 2	Competent Authority or manufacturer / supplier may add, 'Call' followed by the appropriate emergency telephone number, or the appropriate emergency medical help provider, for example, a Poison Centre, Emergency Centre or Doctor.
P301 + P312 P317	<b>IF SWALLOWED: Call a POISON CENTER/doctor/...if you feel unwell. Get medical help.</b>	Acute toxicity, oral (chapter 3.1)	4, 5	...Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.
P304 + P312 P317	<b>IF INHALED: Call a POISON CENTER/doctor/...if you feel unwell. Get medical help.</b>	Acute toxicity, inhalation (chapter 3.1)	5	...Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.

Code (1)	Response precautionary statements (2)	Hazard class (3)	Hazard category (4)	Conditions for use (5)
P308 + P311 P316	<del>IF exposed or concerned: Call a POISON CENTER/doctor/... Get immediate emergency medical help.</del>	Specific target organ toxicity, single exposure; (chapter 3.8)	1, 2	<del>...Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.</del> Competent Authority or manufacturer / supplier may add, 'Call' followed by the appropriate emergency telephone number, or the appropriate emergency medical help provider, for example, a Poison Centre, Emergency Centre or Doctor.
P308 + P313	<del>IF exposed or concerned: Get medical advice/attention.</del>	Germ cell mutagenicity (chapter 3.5)	1A, 1B, 2	Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.
		Carcinogenicity (chapter 3.6)	1A, 1B, 2	
		Reproductive toxicity (chapter 3.7)	1A, 1B, 2	
		Reproductive toxicity, effects on or via lactation (chapter 3.7)	Additional category	
P332 + P313 P317	<del>If skin irritation occurs: Get medical advice/attention.</del> Get medical help.	Skin irritation (chapter 3.2)	2, 3	<del>– may be omitted when P333+P313P317 is given on the label.</del> Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.
P333 + P313 P317	<del>If skin irritation or rash occurs: Get medical advice/attention.</del> Get medical help.	Skin sensitization (chapter 3.4)	1, 1A, 1B	<del>Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.</del>



Code (1)	Response precautionary statements (2)	Hazard class (3)	Hazard category (4)	Conditions for use (5)
P336 + <del>P315</del> P317	<del>Thaw frosted parts with lukewarm water. Do not rub affected area. Get immediate medical advice/attention.</del> <b>Get medical help.</b>	Gases under pressure (chapter 2.5)	Refrigerated liquefied gas	<del>Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.</del>
P337 + <del>P313</del> P317	<del>If eye irritation persists: Get medical advice/attention.</del> <b>Get medical help.</b>	Eye irritation (chapter 3.3)	2A, 2B	<del>Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.</del>
P342 + <del>P311</del> P316	<del>If experiencing respiratory symptoms: Call a POISON CENTER/doctor/... Get immediate emergency medical help.</del> <b>Get immediate emergency medical help.</b>	Respiratory sensitization (chapter 3.4)	1, 1A, 1B	<del>Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.</del> <b>Competent Authority or manufacturer / supplier may add, 'Call' followed by the appropriate emergency telephone number, or the appropriate emergency medical help provider, for example, a Poison Centre, Emergency Centre or Doctor.</b>
<del>P303</del> P302 + P361 + P353	<del>IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].</del>	Flammable liquids (chapter 2.6)	1, 2, 3	<i>– text in square brackets to be included where the manufacturer/supplier or the competent authority considers it appropriate for the specific chemical.</i>
		Skin corrosion (chapter 3.2)	1A, 1B, 1C	

## Annex 3

### Section 3

#### Use of Precautionary Statements

##### A3.3.2.4 *Application of precautionary statements concerning medical response*

For clarity, in this section the text that is proposed to be deleted from GHS Rev. 7 has been omitted. New text is shown in red.

A3.3.2.4.1 Where a substance or mixture is classified for a number of health hazards, this may trigger multiple precautionary statements relating to medical response. **In general, the following principles should be applied:**

- (a) **Always combine medical response statements with at least one route of exposure or symptom (“IF” statement). However this does not apply to P319 “Get medical help if you feel unwell” for specific target organ toxicity repeated exposure, or to P316 “Get medical help” for gases under pressure (refrigerated liquefied gas) which are not combined with a separate “IF” statement. Relevant “IF” statements describing symptoms (e.g. P332, P333, P337, P342) should be included in full.**
- (b) **Where the same medical response statement is triggered for different routes of exposure, then the exposure routes should be combined. If the same response statement is triggered with three or more routes of exposure then P308, “IF exposed or concerned:”, may be used instead. If a route of exposure is triggered multiple times it should only be included once.**
- (c) **Where different medical response statements are triggered for the same route of exposure, then P316 “Get immediate emergency medical help” should have priority over P317 “Get medical help”; and P317 should have priority over P319 “Get medical help if you feel unwell”. P318, “If exposed or concerned get medical advice”, should always appear if triggered.**
- (d) **Where different medical response statements are triggered for different routes of exposure, all the relevant precautionary statements for medical response should appear.**

For example:

1. **Where P301 and P304 “IF SWALLOWED:”, “IF INHALED:” and P302 “IF ON SKIN:” (for acute toxicity oral 2, inhalation 1 and skin corrosion respectively) are triggered with P316 “Get immediate emergency medical help”, then P301 + P304 + P302 + P316, “IF SWALLOWED, INHALED OR ON SKIN: Get immediate emergency medical help” should appear. Alternatively “IF SWALLOWED, INHALED OR ON SKIN:” may be replaced by P308, “IF exposed or concerned:”.**
2. **Where P301 “IF SWALLOWED:” (for both aspiration hazard and for acute toxicity oral 4) is triggered with P316 “Get immediate emergency medical help” and P317 “Get medical help” respectively, then P301 + P316 “IF SWALLOWED: Get immediate emergency medical help” should appear. Where in addition the classification includes germ cell mutagenicity, carcinogenicity or reproductive toxicity P318 “If exposed or concerned get medical advice” should also appear.**
3. **Where P304, P301, P302 and P333 “IF INHALED:”, “IF SWALLOWED:” “IF ON SKIN:” and “If skin irritation or rash occurs:” (for acute toxicity inhalation 2, acute toxicity oral 4 and skin sensitisation respectively) are triggered with P316 “Get immediate emergency medical help”, and**

P317 “Get medical help”, then “**IF INHALED: Get immediate emergency medical help**” and “**IF SWALLOWED or if skin irritation or rash occurs: Get medical help**” should appear.


4. Where P302 and P305 “**IF ON SKIN:**” and “**IF IN EYES:**” (for acute toxicity dermal 2 and eye irritation respectively) are triggered with P316 “**Get immediate emergency medical help**”, P317 “**Get medical help**” and P319 “**Get medical help if you feel unwell**” (for specific target organ toxicity repeated exposure), then P302 + P316 “**IF ON SKIN: Get immediate emergency medical help**”, P337 + P317 “**If eye irritation persists: Get medical help**” and P319 “**Get medical help if you feel unwell**” should all appear.

A3.3.2.4.2 Precautionary statements setting out other relevant responses such as P330 to P336, P338, P340, P351 to P353 and P360 to P364 should also appear in full on the label as appropriate.

A3.3.4 Matrix of precautionary statements by hazard class/category


## GASES UNDER PRESSURE

(Chapter 2.5)

<b>Hazard category</b>	<b>Symbol</b>		<b>Signal word</b>	<b>Hazard statement</b>
Refrigerated liquefied gas	Gas cylinder		Warning	H281 Contains refrigerated gas; may cause cryogenic burns or injury

Precautionary statements			
Prevention	Response	Storage	Disposal
P282 Wear cold insulating gloves and either face shield or eye protection.	P336 + P345 <b>P317</b> Thaw frosted parts with lukewarm water. Do not rub affected area. <del>Get immediate medical advice/attention.</del> <b>Get medical help.</b> Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.	P403 Store in a well-ventilated place.	

**FLAMMABLE LIQUIDS**  
(Chapter 2.6)

Hazard category	Symbol	Signal word	Hazard statement
1	Flame 	Danger	H224 Extremely flammable liquid and vapour
2	Flame	Danger	H225 Highly flammable liquid and vapour
3	Flame	Warning	H226 Flammable liquid and vapour

Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P210 <b>Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</b></p> <p>P233 <b>Keep container tightly closed.</b> – if the liquid is volatile and may generate an explosive atmosphere.</p> <p>P240 <b>Ground and bond container and receiving equipment.</b> – if the liquid is volatile and may generate an explosive atmosphere.</p> <p>P241 <b>Use explosion-proof [electrical/ventilating/lighting/...] equipment.</b> – if the liquid is volatile and may generate an explosive atmosphere. – text in square brackets may be used to specify specific electrical, ventilating, lighting or other equipment if necessary and as appropriate. – precautionary statement may be omitted where local or national legislation introduces more specific provisions.</p> <p>P242 <b>Use non-sparking tools.</b> – if the liquid is volatile and may generate an explosive atmosphere and if the minimum ignition energy is very low. (This applies to substances and mixtures where the minimum ignition energy is &lt;0.1mJ, e.g. carbon disulphide).</p> <p>P243 <b>Take action to prevent static discharges.</b> – if the liquid is volatile and may generate an explosive atmosphere. – may be omitted where local or national legislation introduces more specific provisions.</p> <p>P280 <b>Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...</b> Manufacturer/supplier or the competent authority to specify the appropriate personal protective equipment.</p>	<p><del>P302</del> P303 + P361 + P353 <b>IF ON SKIN (or hair):</b> <b>Take off immediately all contaminated clothing.</b> <b>Rinse skin with water [or shower].</b> – text in square brackets to be included where the manufacturer/supplier or the competent authority considers it appropriate for the specific chemical.</p> <p>P370 + P378 <b>In case of fire: Use ... to extinguish.</b> – if water increases risk. ... Manufacturer/supplier or the competent authority to specify appropriate media.</p>	<p>P403 + P235 <b>Store in a well-ventilated place. Keep cool.</b> – for flammable liquids Category 1 and other flammable liquids that are volatile and may generate an explosive atmosphere.</p>	<p>P501 <b>Dispose of contents/container to...</b> ... in accordance with local/regional/national/international regulations (to be specified). Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.</p>

## ACUTE TOXICITY – ORAL

## (CHAPTER 3.1)

Hazard category	Symbol	Signal word	Hazard statement
1	Skull and crossbones	Danger	H300 Fatal if swallowed
2	Skull and crossbones	Danger	H300 Fatal if swallowed
3	Skull and crossbones	Danger	H301 Toxic if swallowed



Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P264 <b>Wash ...thoroughly after handling.</b> ... Manufacturer/supplier or the competent authority to specify parts of the body to be washed after handling.</p> <p>P270 <b>Do not eat, drink or smoke when using this product.</b></p>	<p>P301 + P310 <b>P316</b> <b>IF SWALLOWED: Immediately call a POISON CENTER/doctor/... Get immediate emergency medical help.</b> <b>Competent Authority or manufacturer / supplier may add, 'Call' followed by the appropriate emergency telephone number, or the appropriate emergency medical help provider, for example, a Poison Centre, Emergency Centre or Doctor.</b> <del>...Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.</del></p> <p>P321 <b>Specific treatment (see ... on this label)</b> – <i>if immediate administration of antidote is required.</i> ... Reference to supplemental first aid instruction.</p> <p>P330 <b>Rinse mouth.</b></p>	<p>P405 <b>Store locked up.</b></p>	<p>P501 <b>Dispose of contents/container to...</b> ... in accordance with local/regional/national/international regulations (to be specified). Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.</p>

ACUTE TOXICITY – ORAL

(CHAPTER 3.1)

<b>Hazard category</b>	<b>Symbol</b>	<b>Signal word</b>	<b>Hazard statement</b>
4	Exclamation mark 	Warning	H302 Harmful if swallowed

Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P264 <b>Wash ... thoroughly after handling.</b> ... Manufacturer/supplier or the competent authority to specify parts of the body to be washed after handling.</p> <p>P270 <b>Do not eat, drink or smoke when using this product.</b></p>	<p><del>P301 + P312</del> <del>P317</del> <b>IF SWALLOWED: Call a POISON CENTER/ doctor/...if you feel unwell. Get medical help.</b> <del>...Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.</del></p> <p>P330 <b>Rinse mouth.</b></p>		<p>P501 <b>Dispose of contents/container to...</b> ... in accordance with local/regional/national/international regulations (to be specified). Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.</p>

## ACUTE TOXICITY – ORAL

## (CHAPTER 3.1)

Hazard category	Symbol	Signal word	Hazard statement
5	<i>No symbol</i>	Warning	H303 May be harmful if swallowed

Precautionary statements			
Prevention	Response	Storage	Disposal
	P301+ P312 <b>P317</b> <b>IF SWALLOWED: Call a POISON</b> <del>CENTER/doctor/...if you feel unwell. Get</del> <b>medical help.</b> ...Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.		



ACUTE TOXICITY – DERMAL

(CHAPTER 3.1)

Hazard category	Symbol	Signal word	Hazard statement
1	Skull and crossbones	Danger	H310 Fatal in contact with skin
2	Skull and crossbones	Danger	H310 Fatal in contact with skin



Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P262 <b>Do not get in eyes, on skin, or on clothing.</b></p> <p>P264 <b>Wash ... thoroughly after handling.</b> ...Manufacturer/supplier or the competent authority to specify parts of the body to be washed after handling.</p> <p>P270 <b>Do not eat, drink or smoke when using this product.</b></p> <p>P280 <b>Wear protective gloves/protective clothing.</b> Manufacturer/supplier or the competent authority may further specify type of equipment where appropriate.</p>	<p>P302 + P352 <b>IF ON SKIN: Wash with plenty of water/...</b> ...Manufacturer/supplier or the competent authority may specify a cleansing agent if appropriate, or may recommend an alternative agent in exceptional cases if water is clearly inappropriate.</p> <p>P310 <b>Immediately call a POISON CENTER/doctor/...</b> ...Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.</p> <p><b>P316</b> <b>Get immediate emergency medical help.</b> Competent Authority or manufacturer / supplier may add, 'Call' followed by the appropriate emergency telephone number, or the appropriate emergency medical help provider, for example, a Poison Centre, Emergency Centre or Doctor.</p> <p>P321 <b>Specific treatment (see ... on this label)</b> – if immediate measures such as specific cleansing agent is advised. ... Reference to supplemental first aid instruction.</p> <p>P361+ P364 <b>Take off immediately all contaminated clothing and wash it before reuse.</b></p>	<p>P405 <b>Store locked up.</b></p>	<p>P501 <b>Dispose of contents/container to...</b> ... in accordance with local/regional/national/international regulations (to be specified). Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.</p>

## ACUTE TOXICITY – DERMAL


## (CHAPTER 3.1)

Hazard category	Symbol	Signal word	Hazard statement
3	Skull and crossbones 	Danger	H311 Toxic in contact with skin

Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P280 <b>Wear protective gloves/protective clothing.</b> Manufacturer/supplier or the competent authority may further specify type of equipment where appropriate.</p>	<p>P302 + P352 <b>IF ON SKIN: Wash with plenty of water/...</b> ...Manufacturer/supplier or the competent authority may specify a cleansing agent if appropriate, or may recommend an alternative agent in exceptional cases if water is clearly inappropriate.</p> <p><del>P312 Call a POISON CENTER/doctor/...if you feel unwell.</del> ...Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.</p> <p><b>P317 Get medical help.</b></p> <p>P321 <b>Specific treatment (see ... on this label)</b> – if immediate measures such as specific cleansing agent is advised. ... Reference to supplemental first aid instruction.</p> <p>P361 + P364 <b>Take off immediately all contaminated clothing and wash it before reuse.</b></p>	<p>P405 <b>Store locked up.</b></p>	<p>P501 <b>Dispose of contents/container to...</b> ... in accordance with local/regional/national/international regulations (to be specified). Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.</p>

ACUTE TOXICITY – DERMAL

(CHAPTER 3.1)

Hazard category	Symbol	Signal word	Hazard statement
4	Exclamation mark 	Warning	H312 Harmful in contact with skin

Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P280 <b>Wear protective gloves/protective clothing</b> Manufacturer/supplier or the competent authority may further specify type of equipment where appropriate.</p>	<p>P302 + P352 <b>IF ON SKIN: Wash with plenty of water/...</b> ...Manufacturer/supplier or the competent authority may specify a cleansing agent if appropriate, or may recommend an alternative agent in exceptional cases if water is clearly inappropriate.</p> <p>P312 <b>Call a POISON CENTER/doctor/...if you feel unwell.</b> ...Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.</p> <p>P317 <b>Get medical help.</b></p> <p>P321 <b>Specific treatment (see ... on this label)</b> – if immediate measures such as specific cleansing agent is advised. ... Reference to supplemental first aid instruction.</p> <p>P362 + P364 <b>Take off contaminated clothing and wash it before reuse.</b></p>		<p>P501 <b>Dispose of contents/container to...</b> ... in accordance with local/regional/national/international regulations (to be specified). Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.</p>

## ACUTE TOXICITY – DERMAL

## (CHAPTER 3.1)

Hazard category	Symbol	Signal word	Hazard statement
5	<i>No symbol</i>	Warning	H313 May be harmful in contact with skin

Precautionary statements			
Prevention	Response	Storage	Disposal
	P302 + P312 <b>P317</b> <b>IF ON SKIN: Call a POISON</b> <b>CENTER/doctor/...if you feel unwell. Get</b> <b>medical help.</b> <del>...Manufacturer/supplier or the competent</del> <del>authority to specify the appropriate source of</del> <del>emergency medical advice.</del>		

ACUTE TOXICITY – INHALATION

(CHAPTER 3.1)

Hazard category	Symbol		Signal word	Hazard statement
1	Skull and crossbones		Danger	H330 Fatal if inhaled
2	Skull and crossbones		Danger	H330 Fatal if inhaled

Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P260 <b>Do not breathe dust/fume/gas/mist/vapours/spray.</b> Manufacturer/supplier or the competent authority to specify applicable conditions.</p> <p>P271 <b>Use only outdoors or in a well-ventilated area.</b></p> <p>P284 <b>[In case of inadequate ventilation] wear respiratory protection.</b> – <i>text in square brackets may be used if additional information is provided with the chemical at the point of use that explains what type of ventilation would be adequate for safe use.</i> Manufacturer/supplier or the competent authority to specify equipment.</p>	<p>P304 + P340 <b>IF INHALED: Remove person to fresh air and keep comfortable for breathing.</b></p> <p>P310 <b>Immediately call a POISON CENTER/doctor/...</b> ... Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.</p> <p>P316 <b>Get immediate emergency medical help.</b> Competent Authority or manufacturer / supplier may add, ‘Call’ followed by the appropriate emergency telephone number, or the appropriate emergency medical help provider, for example, a Poison Centre, Emergency Centre or Doctor.</p> <p>P320 <b>Specific treatment is urgent (see ... on this label)</b> – <i>if immediate administration of antidote is required.</i> ... Reference to supplemental first aid instruction.</p>	<p>P403 + P233 <b>Store in a well-ventilated place. Keep container tightly closed.</b> – <i>if the chemical is volatile and may generate a hazardous atmosphere.</i></p> <p>P405 <b>Store locked up.</b></p>	<p>P501 <b>Dispose of contents/container to...</b> ... in accordance with local/regional/national/international regulations (to be specified). Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.</p>

## ACUTE TOXICITY – INHALATION

## (CHAPTER 3.1)

<b>Hazard category</b>	<b>Symbol</b>	<b>Signal word</b>	<b>Hazard statement</b>
3	Skull and crossbones	Danger	H311 Toxic if inhaled



Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P261 <b>Avoid breathing dust/fume/gas/mist/ vapours/spray.</b> – <i>may be omitted if P260 is given on the label</i></p> <p>Manufacturer/supplier or the competent authority to specify applicable conditions.</p> <p>P271 <b>Use only outdoors or in a well-ventilated area.</b></p>	<p>P304 + P340 <b>IF INHALED: Remove person to fresh air and keep comfortable for breathing.</b></p> <p><del>P311 Call a <b>POISON CENTER</b>/doctor... ...Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.</del></p> <p>P316 <b>Get immediate emergency medical help.</b> Competent Authority or manufacturer / supplier may add, 'Call' followed by the appropriate emergency telephone number, or the appropriate emergency medical help provider, for example, a Poison Centre, Emergency Centre or Doctor.</p> <p>P321 <b>Specific treatment (see ... on this label)</b> – <i>if immediate specific measures are required.</i> ... Reference to supplemental first aid instruction.</p>	<p>P403 + P233 <b>Store in a well-ventilated place. Keep container tightly closed.</b> – <i>if the chemical is volatile and may generate a hazardous atmosphere.</i></p> <p>P405 <b>Store locked up.</b></p>	<p>P501 <b>Dispose of content/container to...</b> ... in accordance with local/regional/national/international regulations (to be specified). Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.</p>

ACUTE TOXICITY – INHALATION

(CHAPTER 3.1)

<b>Hazard category</b>	<b>Symbol</b>	<b>Signal word</b>	<b>Hazard statement</b>
4	Exclamation mark 	Warning	H332 Harmful if inhaled

Precautionary statements			
Prevention	Response	Storage	Disposal
P261 <b>Avoid breathing dust/fume/gas/mist/vapours/spray.</b> <i>– may be omitted if P260 is given on the label</i> Manufacturer/supplier or the competent authority to specify applicable conditions. P271 <b>Use only outdoors or in a well-ventilated area.</b>	P304 + P340 <b>IF INHALED: Remove person to fresh air and keep comfortable for breathing.</b> P312 <del>Call a POISON CENTER/doctor/...if you feel unwell.</del> ...Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice. P317 <b>Get medical help.</b>		

## ACUTE TOXICITY – INHALATION


## (CHAPTER 3.1)

Hazard category	Symbol	Signal word	Hazard statement
5	<i>No symbol</i>	Warning	H333 May be harmful if inhaled

Precautionary statements			
Prevention	Response	Storage	Disposal
	P304 + P312 <b>P317</b> <b>IF INHALED: Call a POISON</b> <del>CENTER/doctor/...if you feel unwell.</del> ...Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice. <b>Get medical</b> <b>help.</b>		



**SKIN CORROSION/IRRITATION  
(CHAPTER 3.2)**

<b>Hazard category</b>	<b>Symbol</b>		<b>Signal word</b>	<b>Hazard statement</b>
1A to 1C	Corrosion		Danger	H314 Causes severe skin burns and eye damage

Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P260 <b>Do not breathe dusts or mists.</b> – if inhalable particles of dusts or mists may occur during use.</p> <p>P264 <b>Wash ...thoroughly after handling.</b> ...Manufacturer/supplier or the competent authority to specify parts of the body to be washed after handling.</p> <p>P280 <b>Wear protective gloves/protective clothing/eye protection/face protection.</b> Manufacturer/supplier or the competent authority may further specify type of equipment where appropriate.</p>	<p>P301 + P330 + P331 <b>IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</b></p> <p><del>P302 + P352</del> <del>P303 + P361 + P353</del></p> <p><b>IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].</b> – text in square brackets to be included where the manufacturer/supplier or the competent authority considers it appropriate for the specific chemical.</p> <p>P363 <b>Wash contaminated clothing before reuse.</b></p> <p>P304 + P340 <b>IF INHALED: Remove person to fresh air and keep comfortable for breathing.</b></p> <p><del>P310 <b>Immediately call a POISON CENTER/doctor/...</b> ...Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.</del></p> <p>P316 <b>Get immediate emergency medical help.</b> Competent Authority or manufacturer / supplier may add, ‘Call’ followed by the appropriate emergency telephone number, or the appropriate emergency medical help provider, for example, a Poison Centre, Emergency Centre or Doctor.</p> <p>P321 <b>Specific treatment (see ... on this label)</b> ... Reference to supplemental first aid instruction. Manufacturer/supplier or the competent authority may specify a cleansing agent if appropriate.</p> <p>P305 + P351 + P338 <b>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</b></p>	<p>P405 <b>Store locked up.</b></p>	<p>P501 <b>Dispose of contents/container to...</b> ... in accordance with local/regional/national/international regulations (to be specified).  Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.</p>

## SKIN CORROSION/IRRITATION

## (CHAPTER 3.2)

<b>Hazard category</b>	<b>Symbol</b>	<b>Signal word</b>	<b>Hazard statement</b>
2	Exclamation mark 	Warning	H315 Causes skin irritation

Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P264 <b>Wash ... thoroughly after handling.</b> ... Manufacturer/supplier or the competent authority to specify parts of the body to be washed after handling.</p> <p>P280 <b>Wear protective gloves.</b> Manufacturer/supplier or the competent authority may further specify type of equipment where appropriate.</p>	<p>P302 + P352 <b>IF ON SKIN: Wash with plenty water/...</b> ...Manufacturer/supplier or the competent authority may specify a cleansing agent if appropriate, or may recommend an alternative agent in exceptional cases if water is clearly inappropriate.</p> <p>P321 <b>Specific treatment (see ... on this label)</b> ... Reference to supplemental first aid instruction. Manufacturer/supplier or the competent authority may specify a cleansing agent if appropriate.</p> <p>P332 + <del>P313</del><b>P317</b> <b>If skin irritation occurs: <del>Get medical advice/attention.</del> Get medical help.</b> – may be omitted when P333+<del>P317</del><b>P313</b> appears on the label Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.</p> <p>P362 + P364 <b>Take off contaminated clothing and wash it before reuse.</b></p>		

**SKIN CORROSION/IRRITATION**

**(CHAPTER 3.2)**

<b>Hazard category</b>	<b>Symbol</b>	<b>Signal word</b>	<b>Hazard statement</b>
3	<i>No symbol</i>	Warning	H316 Causes mild skin irritation

<b>Precautionary statements</b>			
<b>Prevention</b>	<b>Response</b>	<b>Storage</b>	<b>Disposal</b>
	<p>P332 + <del>P313</del> <b>P317</b>  <b>If skin irritation occurs: Get medical advice/attention. Get medical help.</b>                      – may be omitted when P333+<del>P313</del><b>P317</b> appears on the label.                      Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.</p>		

## EYE DAMAGE/IRRITATION

## (CHAPTER 3.3)

<b>Hazard category</b>	<b>Symbol</b>		<b>Signal word</b>	<b>Hazard statement</b>
1	Corrosion		Danger	H318 Causes serious eye damage

Precautionary statements			
Prevention	Response	Storage	Disposal
P280 <b>Wear eye protection/face protection.</b> Manufacturer/supplier or the competent authority may further specify type of equipment where appropriate.	P305 + P351 + P338 <b>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</b>  P310 <del>Immediately call a POISON CENTER/doctor/...</del> <del>...Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.</del> P317 <b>Get medical help.</b>		

**EYE DAMAGE/IRRITATION**

**(CHAPTER 3.3)**

<b>Hazard category</b>	<b>Symbol</b>	<b>Signal word</b>	<b>Hazard statement</b>
2A	Exclamation mark 	Warning	H319 Causes serious eye irritation

Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P264 <b>Wash ... thoroughly after handling.</b> ...Manufacturer/supplier or the competent authority to specify parts of the body to be washed after handling.</p> <p>P280 <b>Wear eye protection/face protection.</b> Manufacturer/supplier or the competent authority may further specify type of equipment where appropriate.</p>	<p>P305 + P351 + P338 <b>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</b></p> <p>P337 + <del>P313</del><b>P317</b> <b>If eye irritation persists: <del>Get medical advice/attention.</del> Get medical help.</b> <del>Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.</del></p>		

## EYE DAMAGE/IRRITATION


## (CHAPTER 3.3)

Hazard category	Symbol	Signal word	Hazard statement
2B	<i>No symbol</i>	Warning	H320 Causes eye irritation

Precautionary statements			
Prevention	Response	Storage	Disposal
P264 <b>Wash ... thoroughly after handling.</b> ...Manufacturer/supplier or the competent authority to specify parts of the body to be washed after handling.	P305 + P351 + P338 <b>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</b>  P337 + P313 <del>P317</del> <b>If eye irritation persists: Get medical advice/attention. Get medical help.</b> Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.		

SENSITIZATION – RESPIRATORY


(CHAPTER 3.4)

<b>Hazard category</b>	<b>Symbol</b>		<b>Signal word</b>	<b>Hazard statement</b>
1, 1A, 1B	Health hazard		Danger	H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P261 <b>Avoid breathing dust/fume/gas/mist/vapours/spray.</b> – <i>may be omitted if P260 is given on the label</i> Manufacturer/supplier or the competent authority to specify applicable conditions.</p> <p>P284 <b>[In case of inadequate ventilation] wear respiratory protection.</b> – <i>text in square brackets may be used if additional information is provided with the chemical at the point of use that explains what type of ventilation would be adequate for safe use.</i> Manufacturer/supplier or the competent authority to specify equipment.</p>	<p>P304 + P340 <b>IF INHALED: remove person to fresh air and keep comfortable for breathing.</b></p> <p>P342 + <del>P311</del> P316 <b>If experiencing respiratory symptoms: Call a POISON CENTER/doctor/... ...Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.</b></p> <p><b>Get immediate emergency medical help. Competent Authority or manufacturer / supplier may add, ‘Call’ followed by the appropriate emergency telephone number, or the appropriate emergency medical help provider, for example, a Poison Centre, Emergency Centre or Doctor.</b></p>		<p>P501 <b>Dispose of contents/container to...</b> ... in accordance with local/regional/national/international regulations (to be specified). Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.</p>

## SENSITIZATION – SKIN

## (CHAPTER 3.4)


Hazard category	Symbol	Signal word	Hazard statement
1, 1A, 1B	Exclamation mark 	Warning	H317 May cause an allergic skin reaction

Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P261 <b>Avoid breathing dust/fume/gas/mist/ vapours/spray.</b> <i>– may be omitted if P260 is given on the label</i> Manufacturer/supplier or the competent authority to specify applicable conditions.</p> <p>P272 <b>Contaminated work clothing should not be allowed out of the workplace.</b></p> <p>P280 <b>Wear protective gloves.</b> Manufacturer/supplier or the competent authority may further specify type of equipment where appropriate.</p>	<p>P302 + P352 <b>IF ON SKIN: Wash with plenty of water/...</b> ...Manufacturer/supplier or the competent authority may specify a cleansing agent if appropriate, or may recommend an alternative agent in exceptional cases if water is clearly inappropriate.</p> <p>P333 + <del>P313</del><b>P317</b> <b>If skin irritation or rash occurs: Get medical advice/attention. Get medical help.</b> <del>Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.</del></p> <p>P321 <b>Specific treatment (see ... on this label)</b> ... Reference to supplemental first aid instruction. Manufacturer/supplier or the competent authority may specify a cleansing agent if appropriate.</p> <p>P362 + P364 <b>Take off contaminated clothing and wash it before reuse.</b></p>		<p>P501 <b>Dispose of contents/container to...</b> ... in accordance with local/regional/national/international regulations (to be specified). Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.</p>



GERM CELL MUTAGENICITY

(CHAPTER 3.5)


Hazard category	Symbol	Signal word	Hazard statement
1	Health hazard		Danger H340 May cause genetic defects <...>
2	Health hazard		Warning H341 Suspected of causing genetic defects <...>

<...> (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P201 <b>Obtain special instructions before use.</b> <i>- omit for consumer products where P202 is used.</i></p> <p>P202 <b>Do not handle until all safety precautions have been read and understood.</b></p> <p>P280 <b>Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...</b> Manufacturer/supplier or the competent authority to specify the appropriate personal protective equipment.</p>	<p><del>P308 + P313</del> <b>P318</b> <del>IF exposed or concerned: Get medical advice/attention.</del> <b>Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.</b> <b>If exposed or concerned, get medical advice.</b></p>	<p>P405 <b>Store locked up.</b></p>	<p>P501 <b>Dispose of contents/container to...</b> ... in accordance with local/regional/national/international regulations (to be specified). Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.</p>

## CARCINOGENICITY

## (CHAPTER 3.6)


Hazard category	Symbol		Signal word	Hazard statement
1	Health hazard		Danger	H350 May cause cancer <...>
2	Health hazard		Warning	H351 Suspected of causing cancer <...>

<...> (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P201 <b>Obtain special instructions before use.</b> - omit for consumer products where P202 is used.</p> <p>P202 <b>Do not handle until all safety precautions have been read and understood.</b></p> <p>P280 <b>Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...</b> Manufacturer/supplier or the competent authority to specify the appropriate personal protective equipment.</p>	<p>P308 + P313 <b>P318</b> <del><b>If exposed or concerned: Get medical advice/attention.</b></del> Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate. <b>If exposed or concerned, get medical advice.</b></p>	<p>P405 <b>Store locked up.</b></p>	<p>P501 <b>Dispose of contents/container to...</b> ... in accordance with local/regional/national/international regulations (to be specified). Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.</p>

**REPRODUCTIVE TOXICITY**

**(CHAPTER 3.7)**

<b>Hazard category</b>	<b>Symbol</b>	<b>Signal word</b>	<b>Hazard statement</b>
1	Health hazard		Danger
2	Health hazard		Warning

H360 May damage fertility or the unborn child <...> <<...>>

H361 Suspected of damaging fertility or the unborn child <...> <<...>>

<...> (state specific effect if known)

<<...>> (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)


<b>Precautionary statements</b>			
<b>Prevention</b>	<b>Response</b>	<b>Storage</b>	<b>Disposal</b>
<p>P201 <b>Obtain special instructions before use.</b> <i>- omit for consumer products where P202 is used.</i></p> <p>P202 <b>Do not handle until all safety precautions have been read and understood.</b></p> <p>P280 <b>Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...</b> Manufacturer/supplier or the competent authority to specify the appropriate personal protective equipment.</p>	<p><del>P308 + P313</del> <b>P318</b> <b>IF exposed or concerned: Get medical advice/attention</b> <del>Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.</del> <b>If exposed or concerned, get medical advice.</b></p>	<p>P405 <b>Store locked up.</b></p>	<p>P501 <b>Dispose of contents/container to...</b> ... in accordance with local/regional/national/international regulations (to be specified). Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.</p>

**REPRODUCTIVE TOXICITY**  
**(CHAPTER 3.7)**  
**(effects on or via lactation)**

Hazard category	Symbol	Signal word	Hazard statement
<i>(additional)</i>	<i>No symbol</i>	<i>No signal word</i>	H362 May cause harm to breast-fed children

Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P201 <b>Obtain special instructions before use.</b> <i>- omit for consumer products where P202 is used.</i></p> <p>P202 <b>Do not handle until all safety precautions have been read and understood.</b></p> <p>P260 <b>Do not breathe dusts or mists.</b> <i>- if inhalable particles of dusts or mists may occur during use.</i></p> <p>P263 <b>Avoid contact during pregnancy and while nursing.</b></p> <p>P264 <b>Wash ... thoroughly after handling.</b> ...Manufacturer/supplier or the competent authority to specify parts of the body to be washed after handling.</p> <p>P270 <b>Do not eat, drink or smoke when using this product.</b></p>	<p>P308 + P313 <b>P318</b> <del><b>If exposed or concerned: Get medical advice/attention.</b></del> Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate. <b>If exposed or concerned, get medical advice.</b></p>		


**SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)**  
**(CHAPTER 3.8)**

Hazard category	Symbol	Signal word	Hazard statement
1	Health hazard		Danger H370 Causes damage to organs <...> <<...>>  <...> (or state all organs affected if known) <<...>> (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P260 <b>Do not breathe dust/fume/gas/mist/vapours/spray.</b> Manufacturer/supplier or the competent authority to specify applicable conditions.</p> <p>P264 <b>Wash ...thoroughly after handling.</b> ... Manufacturer/supplier or the competent authority to specify parts of the body to be washed after handling.</p> <p>P270 <b>Do not eat, drink or smoke when using this product.</b></p>	<p><del>P308 + P311</del> <del><b>IF exposed or concerned: Call a POISON CENTER/doctor/... Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.</b></del> <del>P308+P316</del> <del><b>IF exposed or concerned: Get immediate emergency medical help. Competent Authority or manufacturer / supplier may add, 'Call' followed by the appropriate emergency telephone number, or the appropriate emergency medical help provider, for example, a Poison Centre, Emergency Centre or Doctor.</b></del> P321 <b>Specific treatment (see ... on this label)</b> – if immediate measures are required. ... Reference to supplemental first aid instruction.</p>	<p>P405 <b>Store locked up.</b></p>	<p>P501 <b>Dispose of contents/container to...</b> ... in accordance with local/regional/national/international regulations (to be specified). Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.</p>

## SPECIFIC TARGET ORGAN TOXICITY (Single exposure)


## (CHAPTER 3.8)

Hazard category	Symbol	Signal word	Hazard statement
2	Health hazard	Warning	H371 May cause damage to organs <...> <<...>>
			<...> (or state all organs affected, if known)
			<<...>> (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P260 <b>Do not breathe dust/fume/gas/mist/vapours/spray.</b> Manufacturer/supplier or the competent authority to specify applicable conditions.</p> <p>P264 <b>Wash ... thoroughly after handling.</b> ...Manufacturer/supplier or the competent authority to specify parts of the body to be washed after handling.</p> <p>P270 <b>Do not eat, drink or smoke when using this product.</b></p>	<p><del>P308 + P311</del> <del><b>IF exposed or concerned: Call a POISON CENTER/doctor/...</b></del> <del>...Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.</del> <del>P308+P316</del> <del><b>IF exposed or concerned: Get immediate emergency medical help. Competent Authority or manufacturer / supplier may add, 'Call' followed by the appropriate emergency telephone number, or the appropriate emergency medical help provider, for example, a Poison Centre, Emergency Centre or Doctor.</b></del></p>	<p>P405 <b>Store locked up.</b></p>	<p>P501 <b>Dispose of contents/container to...</b> ... in accordance with local/regional/national/international regulations (to be specified). Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.</p>

**SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)**


**(CHAPTER 3.8)**

<b>Hazard category</b>	<b>Symbol</b>	<b>Signal word</b>	<b>Hazard statement</b>
3	Exclamation mark	 Warning	H335 May cause respiratory irritation; or  H336 May cause drowsiness or dizziness

Precautionary statements			
Prevention	Response	Storage	Disposal
P261 <b>Avoid breathing dust/fume/gas/mist/vapours/spray.</b> <i>– may be omitted if P260 is given on the label.</i> Manufacturer/supplier or the competent authority to specify applicable conditions.  P271 <b>Use only outdoors or in a well-ventilated area.</b>	P304 + P340 <b>IF INHALED: Remove person to fresh air and keep comfortable for breathing.</b>  P312 <del>Call a POISON CENTER/doctor/...if you feel unwell.</del> ...Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice. P319 <b>Get medical help if you feel unwell.</b>	P403 + P233 <b>Store in a well-ventilated place. Keep container tightly closed.</b> <i>– if the chemical is volatile and may generate a hazardous atmosphere.</i>  P405 <b>Store locked up.</b>	P501 <b>Dispose of contents/container to...</b> ... in accordance with local/regional/national/international regulations (to be specified). Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.

## SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE)


## (CHAPTER 3.9)

Hazard category	Symbol	Signal word	Hazard statement
1	Health hazard		Danger
			H372 Causes damage to organs <...> through prolonged or repeated exposure <<...>>
			<...> (state all organs affected, if known)
			<<...>> (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P260 <b>Do not breathe dust/fume/gas/mist/vapours/spray.</b> Manufacturer/supplier or the competent authority to specify applicable conditions.</p> <p>P264 <b>Wash ... thoroughly after handling.</b> ...Manufacturer/supplier or the competent authority to specify parts of the body to be washed after handling.</p> <p>P270 <b>Do not eat, drink or smoke when using this product.</b></p>	<p><del>P314 <b>Get medical advice/attention if you feel unwell.</b> Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.</del></p> <p><b>P319 Get medical help if you feel unwell.</b></p>		<p>P501 <b>Dispose of contents/container to...</b> ... in accordance with local/regional/national/international regulations (to be specified). Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.</p>



**SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE)**  
(CHAPTER 3.9)

Hazard category	Symbol	Signal word	Hazard statement
2	Health hazard 	Warning	H373 May cause damage to organs <...> through prolonged or repeated exposure <<...>> <...> (state all organs affected, if known) < (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

Precautionary statements			
Prevention	Response	Storage	Disposal
P260 <b>Do not breathe dust/fume/gas/mist/vapours/spray.</b> Manufacturer/supplier or the competent authority to specify applicable conditions.	P314 <del>Get medical advice/attention if you feel unwell.</del> Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate. P319 <b>Get medical help if you feel unwell.</b>		P501 <b>Dispose of contents/container to...</b> ... in accordance with local/regional/national/international regulations (to be specified). Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.