

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

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

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Item 3 (b) of the provisional agenda

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

### **Proposed changes to Annex 3 to prevent substances/mixtures classified as causing serious eye damage or eye irritation being transferred from the hand to the eye**

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

Reference is made to the list of amendments in paragraphs 6 to 9 in document  
ST/SG/AC.10/C.4/2020/12.

The proposed changes to Table A3.2.2 “Prevention Precautionary Statements” in  
Section 2 of the GHS and the consequential changes to the tables in Section 3 of  
Annex 3 are shown in full. New text is shown in **blue**. Deleted text is shown in **red  
strikethrough** and deleted lines in between adjacent duplicate table entries are shown  
as a **red line “\_\_\_\_\_”**.

## Annex

## Proposed changes to Table A3.2.2 in Section 2 of Annex 3:

Code (1)	Prevention Precautionary Statements (2)	Hazard Class (3)	Hazard Category (4)	Conditions of use (5)
P264	<b>Wash hands [and...] thoroughly after handling.</b>	Acute toxicity – oral (chapter 3.1)	1, 2, 3, 4	- text in square brackets to be used when the <del>...M</del> manufacturer/supplier or the competent authority <del>to</del> specify other parts of the body to be washed after handling.
		Acute toxicity – dermal (chapter 3.1)	1, 2	
		Skin corrosion (chapter 3.2)	1, 1A, 1B, 1C	
		Skin irritation (chapter 3.2)	2	
		Serious eye damage (chapter 3.3)	1	
		Eye irritation (chapter 3.3)	2/2A, 2B	
		Reproductive toxicity – effects on or via lactation (chapter 3.7)	Additional category	
		Specific target organ toxicity, single exposure (chapter 3.8)	1, 2	<del>...Manufacturer/supplier or the competent authority to specify parts of the body to be washed after handling.</del>
Specific target organ toxicity, repeated exposure (chapter 3.9)	1			
P265	<b>Do not touch eyes.</b>	Serious eye damage (chapter 3.3)	1	
		Eye irritation (chapter 3.3)	2/2A, 2B	

Code (1)	Prevention Precautionary Statements (2)	Hazard Class (3)	Hazard Category (4)	Conditions of use (5)	
P280	<b>Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...</b>	Explosives (chapter 2.1)	Unstable explosive and divisions 1.1, 1.2, 1.3, 1.4, 1.5	Manufacturer/supplier or the competent authority to specify the appropriate personal protective equipment.	
		Flammable gases (chapter 2.2)	Pyrophoric gas		
		Flammable liquids (chapter 2.6)	1, 2, 3, 4		
		Flammable solids (chapter 2.7)	1, 2		
		Self-reactive substances and mixtures (chapter 2.8)	Types A, B, C, D, E, F		
		Pyrophoric liquids (chapter 2.9)	1		
		Pyrophoric solids (chapter 2.10)	1		
		Self-heating substances and mixtures (chapter 2.11)	1, 2		
		Substances and mixtures which, in contact with water, emit flammable gases (chapter 2.12)	1, 2, 3		
		Oxidizing liquids (chapter 2.13)	1, 2, 3		
		Oxidizing solids (chapter 2.14)	1, 2, 3		
		Organic peroxides (chapter 2.15)	Types A, B, C, D, E, F		<del>Manufacturer/supplier or the competent authority to specify the appropriate personal protective equipment</del>
		Desensitized explosives (chapter 2.17)	1, 2, 3, 4		
		Serious eye damage (chapter 3.3)	1		– Specify <i>protective gloves and eye/face protection</i> . Manufacturer/supplier or the competent authority may further specify type of equipment where appropriate.
Eye irritation (chapter 3.3)	2/2A				
P264 + P265	<b>Wash hands [and...] thoroughly after handling. Do not touch eyes.</b>	Serious eye damage (chapter 3.3)	1	- text in square brackets to be used when the manufacturer/supplier or the competent authority specify other parts of the body to be washed after handling.	
		Eye irritation (chapter 3.3)	2/2A, 2B		

## Proposed changes to Section 3 of Annex 3

### 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 hands [and ...] thoroughly after handling.</b> - text in square brackets to be used when the ...M manufacturer/supplier or the competent authority to specify other 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 + P316 <b>IF SWALLOWED: Get emergency medical help immediately.</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 administration of antidote is required. ... 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
P264 <b>Wash hands [and ...] thoroughly after handling.</b> - text in square brackets to be used when the manufacturer/supplier or the competent authority specify other parts of the body to be washed after handling.  P270 <b>Do not eat, drink or smoke when using this                      product.</b>	P301 + P317 <b>IF SWALLOWED: Get medical help.</b>  P330 <b>Rinse mouth.</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.


**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 hands [and ...] thoroughly after handling.</b> - text in square brackets to be used when the ... <del>M</del>manufacturer/supplier or the competent authority <del>to</del> specify other 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>P316 <b>Get emergency medical help immediately.</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>

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

<b>Hazard category</b>	<b>Symbol</b>		<b>Signal word</b>	<b>Hazard statement</b>
1, 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 hands [and ...] thoroughly after handling.</b> – text in square brackets to be used when the manufacturer/supplier or the competent authority to specify other 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>P302 + P361 + P354 <b>IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes.</b></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>P316 <b>Get emergency medical help immediately.</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 + P354 + P338 <b>IF IN EYES: Immediately rinse 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 hands [and ...] thoroughly after handling.</b> - text in square brackets to be used when the ...Manufacturer/supplier or the competent authority <del>to</del> specify other 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 + P317 <b>If skin irritation occurs: Get medical help.</b> – may be omitted when P333+P317 appears on the label.</p> <p>P362 + P364 <b>Take off contaminated clothing and wash it before reuse.</b></p>		



**SERIOUS 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
<p>P280 <b>Wear <i>protective gloves and eye protection/face protection</i>.</b> Manufacturer/supplier or the competent authority may further specify type of equipment where appropriate.</p> <p>P264 + P265 <b>Wash hands [and...] thoroughly after handling. Do not touch eyes.</b> - text in square brackets to be used when the manufacturer/supplier or the competent authority specify other parts of the body to be washed after handling.</p>	<p>P305 + P354 + P338 <b>IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</b></p> <p>P317 <b>Get medical help.</b></p>		

**SERIOUS EYE DAMAGE/IRRITATION**  
(CHAPTER 3.3)

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

Precautionary statements			
Prevention	Response	Storage	Disposal
<p><del>P264</del> <del>Wash ... thoroughly after handling.</del> <del>...Manufacturer/supplier or the competent authority to specify parts of the body to be washed after handling.</del></p> <p>P280 <b>Wear <i>protective gloves and eye protection/face protection.</i></b> Manufacturer/supplier or the competent authority may further specify type of equipment where appropriate.</p> <p>P264 + P265 <b>Wash hands [and...] thoroughly after handling. Do not touch eyes.</b> - text in square brackets to be used when the manufacturer/supplier or the competent authority specify other parts of the body to be washed after handling.</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 + P317 <b>If eye irritation persists: Get medical help.</b></p>		

**SERIOUS EYE DAMAGE/IRRITATION  
(CHAPTER 3.3)**

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


Precautionary statements			
Prevention	Response	Storage	Disposal
<p><del>P264</del> <del>Wash ... thoroughly after handling.</del> <del>...Manufacturer/supplier or the competent authority to specify parts of the body to be washed after handling.</del></p> <p>P264 + P265 Wash hands [and...] thoroughly after handling. Do not touch eyes. - text in square brackets to be used when the manufacturer/supplier or the competent authority specify other parts of the body to be washed after handling.</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 + P317 <b>If eye irritation persists: Get medical help.</b></p>		

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

<b>Hazard category</b> <i>(additional)</i>	<b>Symbol</b> <i>No symbol</i>	<b>Signal word</b> <i>No signal word</i>	<b>Hazard statement</b> H362 May cause harm to breast-fed children
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Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P203 <b>Obtain, read and follow all safety instructions before use.</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 hands [and ...] thoroughly after handling.</b> <i>- text in square brackets to be used when the manufacturer/supplier or the competent authority to specify other parts of the body to be washed after handling.</i></p> <p>P270 <b>Do not eat, drink or smoke when using this product.</b></p>	<p>P318 <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 hands [and ...] thoroughly after handling.</b> - text in square brackets to be used when the ...Mmanufacturer/supplier or the competent authority to specify other 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 + P316 <b>IF exposed or concerned: Get emergency medical help immediately.</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 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 hands [and ...] thoroughly after handling.</b> - text in square brackets to be used when the ...Manufacturer/supplier or the competent authority to specify other 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 + P316 <b>IF exposed or concerned: Get emergency medical help immediately.</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>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 (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 hands [and ...] thoroughly after handling.</b> - text in square brackets to be used when the manufacturer/supplier or the competent authority to specify other 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>P319 <b>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>