

**Translation table from classification under By-law on Classification Packing and Labeling of Dangerous Substances to classification under this By-law**

Whenever data for the substance or mixture are available, an evaluation and classification shall be done in accordance with Articles 9 to13 of this By-law.

**1. Translation table**

The codes used are introduced in Table 1.1 and section 1.1.2.2 of Annex VI.

*Table 1.1*

*Table 1.1*

**Translation between classification in accordance with By-law on Classification Packing and Labeling of Dangerous Substances and this By-law**

Classification under By-law on Classification Packing and Labeling of Dangerous Substances	Physical state of the substance when relevant	Classification under this By-law		Note
		Hazard Class-and-Category	Hazard statement	
E; R2		No direct translation possible.		
E; R3		No direct translation possible.		
O; R7		Org. Perox. CD	H242	
		Org. Perox. EF	H242	
O; R8	gas	Ox. Gas 1	H270	
O; R8	liquid, solid	No direct translation possible.		
O; R9	liquid	Ox. Liq. 1	H271	
O; R9	solid	Ox. Sol 1	H271	
R10	liquid	No direct translation possible.		
		Correct translation of R10, liquid is:		

		<p>— Flam. Liq. 1, H224 if flashpoint &lt; 23 °C and initial boiling point ≤ 35 °C</p> <p>— Flam. Liq. 2, H225 if flashpoint &lt; 23 °C and initial boiling point &gt; 35 °C</p> <p>— Flam. Liq. 3, H226 if flashpoint ≥ 23 °C</p>		
F; R11	liquid	<p>No direct translation possible.</p> <p>Correct translation of F; R11, liquid is:</p> <p>— Flam. Liq. 1, H224 if initial boiling point ≤ 35 °C</p> <p>— Flam. Liq. 2, H225 if initial boiling point &gt; 35 °C</p>		
F; R11	solid	No direct translation possible.		
F+; R12	gas	<p>No direct translation possible.</p> <p>Correct translation of F+; R12, gaseous results either in Flam. Gas 1, H220 or Flam. Gas 2, H221.</p>		
F+; R12	liquid	Flam. Liq. 1	H224	
F+; R12	liquid	Self-react. CD	H242	
		Self-react. EF	H242	
		Self-react. G	none	
F; R15		No direct translation possible.		
F; R17	liquid	Pyr. Liq. 1	H250	
F; R17	solid	Pyr. Sol. 1	H250	
Xn; R20	gas	Acute Tox. 4	H332	(1)
Xn; R20	vapours	Acute Tox. 4	H332	(1)
Xn; R20	dust/mist	Acute Tox. 4	H332	
Xn; R21		Acute Tox. 4	H312	(1)
Xn; R22		Acute Tox. 4	H302	(1)
T; R23	gas	Acute Tox. 3	H331	(1)
T; R23	vapours	Acute Tox. 2	H330	
T; R23	dust/mist	Acute Tox. 3	H331	(1)

T; R24		Acute Tox. 3	H311	(1)
T; R25		Acute Tox. 3	H301	(1)
T+; R26	gas	Acute Tox. 2	H330	(1)
T+; R26	vapour	Acute Tox. 1	H330	
T+; R26	Dust/mist	Acute Tox. 2	H330	(1)
T+; R27		Acute Tox. 1	H310	
T+; R28		Acute Tox. 2	H300	(1)
R33		STOT RE 2	H373	(3)
C; R34		Skin Corr. 1B	H314	(2)
C; R35		Skin Corr. 1A	H314	
Xi; R36		Eye Irrit. 2	H319	
Xi; R37		STOT SE 3	H335	
Xi; R38		Skin Irrit. 2	H315	(3)
T; R39/23		STOT SE 1	H370	(3)
T; R39/24		STOT SE 1	H370	(3)
T; R39/25		STOT SE 1	H370	(3)
T+; R39/26		STOT SE 1	H370	(3)
T+; R39/27		STOT SE 1	H370	(3)
T+; R39/28		STOT SE 1	H370	(3)
Xi; R41		Eye Dam. 1	H318	
R42		Solnm. Hassas. 1, 1A, 1B	H334	
R43		Cilt Hassas. 1, 1A, 1B	H317	
Xn; R48/20		STOT RE 2	H373	(3)
Xn; R48/21		STOT RE 2	H373	(3)
Xn; R48/22		STOT RE 2	H373	(3)

T; R48/23		STOT RE 1	H372	(3)
T; R48/24		STOT RE 1	H372	(3)
T; R48/25		STOT RE 1	H372	(3)
R64		Lact.	H362	
Xn ; R65		Asp. Tox.1	H304	
R67		STOT SE 3	H336	
Xn ; R68/20		STOT SE 2	H371	(3)
Xn ; R68/21		STOT SE 2	H371	(3)
Xn ; R68/22		STOT SE 2	H371	(3)
Carc. Cat. 1; R45		Canc. 1A	H350	
Carc. Cat. 2; R45		Canc. . 1B	H350	
Carc. Cat. 1; R49		Canc. 1A	H350i	
Carc. Cat. 2; R49		Canc. 1B	H350i	
Carc. Cat. 3; R40		Canc. 2	H351	
Muta. Cat. 2; R46		Muta. 1B	H340	
Muta. Cat. 3; R68		Muta. 2	H341	
Repr. Cat. 1; R60		Repr. 1A	H360F	(4)
Repr. Cat. 2; R60		Repr. 1B	H360F	(4)
Repr. Cat. 1; R61		Repr. 1A	H360D	(4)
Repr. Cat. 2; R61		Repr. 1B	H360D	(4)
Repr. Cat. 3; R62		Repr. 2	H361f	(4)
Repr. Cat. 3; R63		Repr. 2	H361d	(4)
Repr. Cat. 1; R60-61		Repr. 1A	H360FD	
Repr. Cat. 1; R60		Repr. 1A	H360FD	
Repr. Cat. 2; R61				
Repr. Cat. 2; R60		Repr. 1A	H360FD	
Repr. Cat. 1; R61				

Repr. Cat. 2; R60-61		Repr. 1B	H360FD	
Repr. Cat. 3; R62-63		Repr. 2	H361fd	
Repr. Cat. 1; R60 Repr. Cat. 3; R63		Repr. 1A	H360Fd	
Repr. Cat. 2; R60 Repr. Cat. 3; R63		Repr. 1B	H360Fd	
Repr. Cat. 1; R61 Repr. Cat. 3; R62		Repr. 1A	H360Df	
Repr. Cat. 2; R61 Repr. Cat. 3; R62		Repr. 1B	H360Df	
N; R50		Aquatic Acute 1	H400	
N; R50-53		Aquatic Acute 1 Aquatic Chronic 1	H400 H410	
N; R51-53		Aquatic Chronic 2	H411	
R52-53		Aquatic Chronic 3	H412	
R53		Aquatic Chronic 4	H413	
N; R59		Ozone	H420	

*Note 1* For these classes it is possible to use the recommended minimum classification as defined in section 1.2.1. in Annex VI. Data or other information may be available to indicate that re-classification in a more severe category is appropriate.

*Note 2* It is recommended to classify in Category 1B even if it also could be possible that 1C could be applicable for certain cases. Going back to original data, may not result in a possibility to distinguish between Category 1B or 1C, since the exposure period has normally been up to 4 hours according to By-law on Test Methods. However, for the future, when data are derived from tests following a sequential approach as foreseen in the By-law on Test Methods, Category 1C should be considered.

*Note 3* The route of exposure could be added to the hazard statement if it is conclusively proven that no other routes of exposure cause the hazard.

*Note 4* Hazard statements H360 and H361 indicate a general concern for both the reproductive properties related to fertility and developmental effects; 'May damage/Suspected of damaging

fertility or the unborn child'. According to the classification criteria (Annex I, section 3.7) the general hazard statement can be replaced by the hazard statement indicating only the property of concern, in case either fertility or developmental effects are proven to be not relevant.

*Table 1.2*

**Translation between risk phrases assigned under By-law on Classification Packing and Labeling of Dangerous Substances and supplementary labelling requirements under this By-law**

By-law on Classification Packing and Labeling of Dangerous Substances	This By-law
R1	EUH001
R6	EUH006
R14	EUH014
R18	EUH018
R19	EUH019
R44	EUH044
R29	EUH029
R31	EUH031
R32	EUH032
R66	EUH066
R39-41	EUH070