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 Transport of Dangerous Goods **3 November 2022**

Sixty-first session
Geneva, 28 November-6 December 2022
Item 3 of the provisional agenda
Listing, classification and packing

Addition of special packing provisions of P200 to the dangerous goods list

Transmitted by the expert from the Republic of Korea

Introduction

1. 3.2.1 of the Model Regulations describes structure of the dangerous goods list, and stipulates column 9 as follows:

> "Column 9 "Special packing provisions" – this column contains alphanumeric codes which refer to the relevant special packing provisions specified in section 4.1.4. The special packing provisions indicate the special provisions for packaging (including IBCs and large packagings)."

2. According to 3.2.1 of the Model Regulations, column 9 of dangerous goods list as described contains alphanumeric codes which refer to the relevant special packing provisions specified in section 4.1.4 as by the example below:

UN No.	Name and description	Class or division	Subsi-diary hazard	UN packing group	Special provi-sions	Limited and excepted quantities		Packagings and IBCs	
								Packing instruction	Special packing provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7a)	(7b)	(8)	(9)
1866	RESIN SOLUTION, flammable	3		III	223	5L	E1	P001 IBC03 LP01	PP1

3. On the other hand, special packing instruction of P200 are not indicated in column 9 of the dangerous goods list. Therefore, it is difficult to intuitively recognize whether dangerous goods transported according to P200 are subjected to special packing provisions.

UN No.	Name and description	Class or division	Subsi-diary hazard	UN packing group	Special provi-sions	Limited and excepted quantities		Packagings and IBCs	
								Packing instruction	Special packing provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7a)	(7b)	(8)	(9)
1016	CARBON MONOXIDE, COMPRESSED	2.3	2.1			0	E0	P200	

4. In the case of packing instructions other than P200, special packing provisions are specified in column 9 of 3.2 dangerous goods list, and in tables of packing instructions 4.1.4. However, in the case of P200, it is only available to check special provisions in the packing instruction table. Therefore, it may be misunderstood that there is no special packing provision when only looking at the dangerous goods list.

5. Accordingly, the expert from the Republic of Korea proposes to add special packing provisions of P200 to column 9 of 3.2 dangerous goods list as follows to clarify the understanding of users on how to use the Model Regulations and to ensure uniformity of notation.

Proposal

6. Amend the contents of column 9 in 3.2.1 as follows (new text is underlined):

> "Column 9 "Special packing provisions" – this column contains alphabetic or alphanumeric codes which refer to the relevant special packing provisions specified in section 4.1.4. The special packing provisions indicate the special provisions for packaging (including IBCs and large packagings)."

7. Add special packing provisions of P200 to the dangerous goods list as follows (new text is underlined):

UN No.	Name and description	Class or division	Subsi-diary hazard	UN packing group	Special provi-sions	Limited and excepted quantities		Packagings and IBCs	
								Packing instruction	Special packing provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7a)	(7b)	(8)	(9)
1001	ACETYLENE, DISSOLVED	2.1				0	E0	P200	c, p
1005	AMMONIA, ANHYDROUS	2.3	8		23 379	0	E0	P200	b
1008	BORON TRIFLUORIDE	2.3	8		373	0	E0	P200	a
1010	BUTADIENES, STABILIZED or BUTADIENES AND HYDROCARBON MIXTURE, STABILIZED, containing more than 40 % butadienes	2.1			386	0	E0	P200	See P200
1011	BUTANE	2.1			392	0	E0	P200	v
1012	BUTYLENE	2.1			398	0	E0	P200	See P200
1016	CARBON MONOXIDE, COMPRESSED	2.3	2.1			0	E0	P200	u
1017	CHLORINE	2.3	5.1 8			0	E0	P200	a
1026	CYANOGEN	2.3	2.1			0	E0	P200	u
1032	DIMETHYLAMINE, ANHYDROUS	2.1				0	E0	P200	b
1036	ETHYLAMINE	2.1				0	E0	P200	b
1037	ETHYL CHLORIDE	2.1				0	E0	P200	a, ra

1040	ETHYLENE OXIDE, or ETHYLENE OXIDE WITH NITROGEN up to a total pressure of 1 MPa (10 bar) at 50 °C	2.3	2.1		342	0	E0	P200	l
1043	FERTILIZER AMMONIATING SOLUTION with free ammonia	2.2				120 ml	E0	P200	b, z
1045	FLUORINE, COMPRESSED	2.3	5.1 8			0	E0	P200	a, k, n, o
1048	HYDROGEN BROMIDE, ANHYDROUS	2.3	8			0	E0	P200	a, d
1049	HYDROGEN, COMPRESSED	2.1			392	0	E0	P200	d
1050	HYDROGEN CHLORIDE, ANHYDROUS	2.3	8			0	E0	P200	a, d
1051	HYDROGEN CYANIDE, STABILIZED containing less than 3 % water	6.1	3	I	386	0	E0	P200	k
1052	HYDROGEN FLUORIDE, ANHYDROUS	8	6.1	I		0	E0	P200	a, t
1053	HYDROGEN SULPHIDE	2.3	2.1			0	E0	P200	d, u
1058	LIQUEFIED GASES, non-flammable, charged with nitrogen, carbon dioxide or air	2.2			392	120 ml	E1	P200	z
1060	METHYLACETYLENE AND PROPADIENE MIXTURE, STABILIZED	2.1			386	0	E0	P200	See P200
1061	METHYLAMINE, ANHYDROUS	2.1				0	E0	P200	b
1062	METHYL BROMIDE with not more than 2 % chloropicrin	2.3			23	0	E0	P200	a
1063	METHYL CHLORIDE (REFRIGERANT GAS R 40)	2.1				0	E0	P200	a
1064	METHYL MERCAPTAN	2.3	2.1			0	E0	P200	d, u
1067	DINITROGEN TETROXIDE (NITROGEN DIOXIDE)	2.3	5.1 8			0	E0	P200	k
1069	NITROSYL CHLORIDE	2.3	8			0	E0	P200	k
1072	OXYGEN, COMPRESSED	2.2	5.1		355	0	E0	P200	s
1075	PETROLEUM GASES, LIQUEFIED	2.1			392	0	E0	P200	v, z
1076	PHOSGENE	2.3	8			0	E0	P200	a, k
1078	REFRIGERANT GAS, N.O.S.	2.2			274	120 ml	E1	P200	z
1081	TETRAFLUOROETHYLENE, STABILIZED	2.1			386	0	E0	P200	m, o
1082	TRIFLUOROCHLORO- ETHYLENE, STABILIZED (REFRIGERANT GAS R 1113)	2.3	2.1		386	0	E0	P200	u
1083	TRIMETHYLAMINE, ANHYDROUS	2.1				0	E0	P200	b
1085	VINYL BROMIDE, STABILIZED	2.1			386	0	E0	P200	a
1086	VINYL CHLORIDE, STABILIZED	2.1			386	0	E0	P200	a
1581	CHLOROPICRIN AND METHYL BROMIDE MIXTURE with more than 2 % chloropicrin	2.3				0	E0	P200	a
1582	CHLOROPICRIN AND METHYL CHLORIDE MIXTURE	2.3				0	E0	P200	a

1589	CYANOGEN CHLORIDE, STABILIZED	2.3	8		386	0	E0	P200	k
1612	HEXAETHYL TETRAPHOSPHATE AND COMPRESSED GAS MIXTURE	2.3				0	E0	P200	z
1660	NITRIC OXIDE, COMPRESSED	2.3	5.1 8			0	E0	P200	k, o
1741	BORON TRICHLORIDE	2.3	8			0	E0	P200	a
1745	BROMINE PENTAFLUORIDE	5.1	6.1 8	I		0	E0	P200	k
1746	BROMINE TRIFLUORIDE	5.1	6.1 8	I		0	E0	P200	k
1749	CHLORINE TRIFLUORIDE	2.3	5.1 8			0	E0	P200	a
1859	SILICON TETRAFLUORIDE	2.3	8			0	E0	P200	a
1860	VINYL FLUORIDE, STABILIZED	2.1			386	0	E0	P200	a
1911	DIBORANE	2.3	2.1			0	E0	P200	d, k, o
1912	METHYL CHLORIDE AND METHYLENE CHLORIDE MIXTURE	2.1			228	0	E0	P200	a
1953	COMPRESSED GAS, TOXIC, FLAMMABLE, N.O.S.	2.3	2.1		274	0	E0	P200	z
1954	COMPRESSED GAS, FLAMMABLE, N.O.S.	2.1			274 392	0	E0	P200	z
1955	COMPRESSED GAS, TOXIC, N.O.S.	2.3			274	0	E0	P200	z
1956	COMPRESSED GAS, N.O.S.	2.2			274 378 392	120 ml	E1	P200	z
1957	DEUTERIUM, COMPRESSED	2.1				0	E0	P200	d
1964	HYDROCARBON GAS MIXTURE, COMPRESSED, N.O.S.	2.1			274	0	E0	P200	z
1965	HYDROCARBON GAS MIXTURE, LIQUEFIED, N.O.S.	2.1			274 392	0	E0	P200	v, z
1967	INSECTICIDE GAS, TOXIC, N.O.S.	2.3			274	0	E0	P200	z
1968	INSECTICIDE GAS, N.O.S.	2.2			274	120 ml	E1	P200	z
1969	ISOBUTANE	2.1			392	0	E0	P200	v
1975	NITRIC OXIDE AND DINITROGEN TETROXIDE MIXTURE (NITRIC OXIDE AND NITROGEN DIOXIDE MIXTURE)	2.3	5.1 8			0	E0	P200	k, z
1978	PROPANE	2.1			392	0	E0	P200	v
2034	HYDROGEN AND METHANE MIXTURE, COMPRESSED	2.1				0	E0	P200	d

2073	AMMONIA SOLUTION, relative density less than 0.880 at 15 °C in water, with more than 35 % but not more than 50 % ammonia	2.2				120 ml	E0	P200	See P200
2188	ARSINE	2.3	2.1			0	E0	P200	d, k
2189	DICHLOROSILANE	2.3	2.1 8			0	E0	P200	a
2190	OXYGEN DIFLUORIDE, COMPRESSED	2.3	5.1 8			0	E0	P200	a, k, n, o
2191	SULPHURYL FLUORIDE	2.3				0	E0	P200	u
2192	GERMANE	2.3	2.1			0	E0	P200	d, q, r
2194	SELENIUM HEXAFLUORIDE	2.3	8			0	E0	P200	k
2195	TELLURIUM HEXAFLUORIDE	2.3	8			0	E0	P200	k
2196	TUNGSTEN HEXAFLUORIDE	2.3	8			0	E0	P200	a
2197	HYDROGEN IODIDE, ANHYDROUS	2.3	8			0	E0	P200	a, d
2199	PHOSPHINE	2.3	2.1			0	E0	P200	d, k, q
2202	HYDROGEN SELENIDE, ANHYDROUS	2.3	2.1			0	E0	P200	k
2203	SILANE	2.1				0	E0	P200	q
2204	CARBONYL SULPHIDE	2.3	2.1			0	E0	P200	u
2418	SULPHUR TETRAFLUORIDE	2.3	8			0	E0	P200	a, k
2421	NITROGEN TRIOXIDE	2.3	5.1 8			0	E0	P200	k
2452	ETHYLACETYLENE, STABILIZED	2.1			386	0	E0	P200	c
2495	IODINE PENTAFLUORIDE	5.1	6.1 8	I		0	E0	P200	k
2534	METHYLCHLOROSILANE	2.3	2.1 8			0	E0	P200	z
2548	CHLORINE PENTAFLUORIDE	2.3	5.1 8			0	E0	P200	a, k
2676	STIBINE	2.3	2.1			0	E0	P200	k, r
2901	BROMINE CHLORIDE	2.3	5.1 8			0	E0	P200	a
3057	TRIFLUOROACETYL CHLORIDE	2.3	8			0	E0	P200	k
3083	PERCHLORYL FLUORIDE	2.3	5.1			0	E0	P200	u
3156	COMPRESSED GAS, OXIDIZING, N.O.S.	2.2	5.1		274	0	E0	P200	z
3157	LIQUEFIED GAS, OXIDIZING, N.O.S.	2.2	5.1		274	0	E0	P200	z
3160	LIQUEFIED GAS, TOXIC, FLAMMABLE, N.O.S.	2.3	2.1		274	0	E0	P200	z
3161	LIQUEFIED GAS, FLAMMABLE, N.O.S.	2.1			274	0	E0	P200	z

3162	LIQUEFIED GAS, TOXIC, N.O.S.	2.3			274	0	E0	P200	z
3163	LIQUEFIED GAS, N.O.S.	2.2			274 392	120 ml	E1	P200	z
3303	COMPRESSED GAS, TOXIC, OXIDIZING, N.O.S.	2.3	5.1		274	0	E0	P200	z
3304	COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S.	2.3	8		274	0	E0	P200	z
3305	COMPRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	2.3	2.1 8		274	0	E0	P200	z
3306	COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	2.3	5.1 8		274	0	E0	P200	z
3307	LIQUEFIED GAS, TOXIC, OXIDIZING, N.O.S.	2.3	5.1		274	0	E0	P200	z
3308	LIQUEFIED GAS, TOXIC, CORROSIVE, N.O.S.	2.3	8		274	0	E0	P200	z
3309	LIQUEFIED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	2.3	2.1 8		274	0	E0	P200	z
3310	LIQUEFIED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	2.3	5.18		274	0	E0	P200	z
3318	AMMONIA SOLUTION, relative density less than 0.880 at 15 °C in water, with more than 50 % ammonia	2.3	8		23	0	E0	P200	b
3354	INSECTICIDE GAS, FLAMMABLE, N.O.S.	2.1			274	0	E0	P200	z
3355	INSECTICIDE GAS, TOXIC, FLAMMABLE, N.O.S.	2.3	2.1		274	0	E0	P200	z
3374	ACETYLENE, SOLVENT FREE	2.1				0	E0	P200	c, p
3553	DISILANE	2.1				0	E0	P200	q