Economic Commission for Europe

Inland Transport Committee

21 December 2012

Working Party on the Transport of Dangerous Goods

Joint Meeting of Experts on the Regulations annexed to the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN) (ADN Safety Committee)

Twenty-second session
Geneva, 22–25 January 2013
Item 6 of the provisional agenda
Reports of informal working groups

Vessel substance list

Transmitted by the Recommended ADN Classification Societies, Subgroup "Vessel Substance List" (Bureau Veritas, Germanischer Lloyd, Lloyd's Register)

Meetings on 18 October 2012 and 30 November 2012

The Group discussed the implementation of ADN flow chart into software tools of classification societies for producing vessel substance lists. All members agreed that they see actual only one way to realise implementation of the flow chart into the substance list software.

It was agreed to create new internal lines for Table C on the basis of the information available in the flow chart and without consideration of environmental hazards.

The environmental hazards will be considered by the software of each classification society in that kind given by the flow chart. The proposal is that only the allowed hazards will be mentioned in the vessel's substance list which can be transported by the vessel as for the entries for all other products in Table C for which the flowchart does not have to be used. That means e.g. that for a tanker type C all environmental hazards N1, N2, CMR, F and S will be given in the vessel's substance list and for a tanker type N open, cargo tank wall independent from hull, only the hazards N2, F and S will be given in the vessel's substance list.

The results of this common work are given as an attachment to this document.

1. Although all involved Classification Societies have conscientiously verified the new internal lines we are all not chemists and it could be that there are misinterpretations in these new lines. Therefore we ask the ADN Safety Committee to hand over the attached table to the "Informal working group on substances" for verification and acceptance.

   The table contents highlighted in green are the original entries from column 1 to column 20 from ADN Table C and the lines below are the new lines added by the Classification Societies. Further,

we have added some additional remarks which are given in columns 21 to 23 for better identification of the products in the vessel's substance list.

2. For some products highlighted in yellow the group came to the conclusion that these products cannot be transported with the given ship type C 2 2 because the boiling point of these products should be below 35 °C and for such products the flowchart requires a pressure tank. The group would like to ask the ADN Safety Committee to hand over this question to the "Informal working group on substances" for verification and comment.

3. For UN 9005 the group came to the conclusion that the filling degree for this product should be 95% according the flowchart requirements for molten substances. The group would like to ask the ADN Safety Committee to hand over this question to the "Informal working group on substances" for verification and comment.

UN number	ID	Name	Class	Classification code	Packing group	Dangers	Vessel Type	Tank Design	Tank Type	Tank equipment	Opening pressure	Filling degree	Density	Sampling device	Pump below deck	Temparature class	Explosion group	Anti-explosion	Equipment required	Cones/Blue lights	Remarks	additional remarks	additional remarks	additional remarks
1		2	3a	3b	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1202	1	GAS OIL or DIESEL FUEL or HEATING OIL (LIGHT) (flash-point not more than 60 °C)	3	F1	III	3+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	< 0,85	*	yes			no	*	0	*			
1202	11	GAS OIL or DIESEL FUEL or HEATING OIL (LIGHT) (flash-point not more than 60 °C)	3	F1	III	3+(N1, N2, N3, CMR, F or S)	N	4	2			97	< 0,85	3	yes			no	PP	0				22
1202	1	GAS OIL or DIESEL FUEL or HEATING OIL (LIGHT) (flash-point more than 60 °C but not more than 100 °C)	3	F1	III	3+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	< 1,1	*	yes			no	*	0	*			
1202	11	GAS OIL or DIESEL FUEL or HEATING OIL (LIGHT) (flash-point more than 60 °C but not more than 100 °C)	3	F1	III	3+(N1, N2, N3, CMR, F or S)	N	4	2			97	< 1,1	3	yes			no	PP	0		60 °C < Fp <= 100 °C		22
1224	1	KETONES, LIQUID, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*		*	yes	T4 3)	II B 4)	yes	*	1	14; 27; 29; *			
1224	11	KETONES, LIQUID, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	1	1		400	95		1	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa	22
1224	12	KETONES, LIQUID, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	1	1	50	95		3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa	22
1224	12	KETONES, LIQUID, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	2		50	97		3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	110 kPa <= Pd50 < 175 kPa	22
1224	13	KETONES, LIQUID, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	2	3	10	97		3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	110 kPa <= Pd50 < 150 kPa	22
1224	14	KETONES, LIQUID, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	2		10	97		3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	Pd50 < 110 kPa	22
1224	2	KETONES, LIQUID, N.O.S.	3	F1	III	3+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*		*	yes	T4 3)	II B 4)	yes	*	0	14; 27; *			
1224	21	KETONES, LIQUID, N.O.S.	3	F1	III	3+(N1, N2, N3, CMR, F or S)	N	3	2			97		3	yes	T4 3)	II B 4)	yes	PP, EX, A	0	14; 27	23 °C <= Fp <= 60 °C		
1267	1	PETROLEUM CRUDE OIL	3	F1	I	3+(N1+N2+N3+CMR+F)	*	*	*	*	*	*		*	yes	T4 3)	II B 4)	yes	*	1	14; 29; *			
1267	11	PETROLEUM CRUDE OIL	3	F1	I	3+(N1, N2, N3, CMR, F)	N	1	1		400	95		1	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa	22
1267	12	PETROLEUM CRUDE OIL	3	F1	I	3+(N1, N2, N3, CMR, F)	N	2	1	1	50	95		3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa	22
1267	13	PETROLEUM CRUDE OIL	3	F1	I	3+(N1, N2, N3, CMR, F)	N	2	2		50	97		3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	110 kPa <= Pd50 < 175 kPa	22
1267	14	PETROLEUM CRUDE OIL	3	F1	I	3+(N1, N2, N3, CMR, F)	N	2	2	3	10	97		3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	110 kPa <= Pd50 < 150 kPa	22
1267	15	PETROLEUM CRUDE OIL	3	F1	I	3+(N1, N2, N3, CMR, F)	N	2	2		10	97		3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	Pd50 < 110 kPa	22
1267	2	PETROLEUM CRUDE OIL	3	F1	II	3+(N1+N2+N3+CMR+F)	*	*	*	*	*	*		*	yes	T4 3)	II B 4)	yes	*	1	14; 29; *			
1267	21	PETROLEUM CRUDE OIL	3	F1	II	3+(N1, N2, N3, CMR, F)	N	1	1		400	95		1	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa	22
1267	22	PETROLEUM CRUDE OIL	3	F1	II	3+(N1, N2, N3, CMR, F)	N	2	1	1	50	95		3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa	22
1267	23	PETROLEUM CRUDE OIL	3	F1	II	3+(N1, N2, N3, CMR, F)	N	2	2		50	97		3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	110 kPa <= Pd50 < 175 kPa	22
1267	24	PETROLEUM CRUDE OIL	3	F1	II	3+(N1, N2, N3, CMR, F)	N	2	2	3	10	97		3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	110 kPa <= Pd50 < 150 kPa	22
1267	25	PETROLEUM CRUDE OIL	3	F1	II	3+(N1, N2, N3, CMR, F)	N	2	2		10	97		3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	Pd50 < 110 kPa	22
1267	3	PETROLEUM CRUDE OIL	3	F1	III	3+(N1+N2+N3+CMR+F)	*	*	*	*	*	*		*	yes	T4 3)	II B 4)	yes	*	0	14; *			
1267	31	PETROLEUM CRUDE OIL	3	F1	III	3+(N1, N2, N3, CMR, F)	N	3	2			97		3	yes	T4 3)	II B 4)	yes	PP, EX, A	0	14	23 °C <= Fp <= 60 °C		22
1268	1	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	F1	I	3+(N1, N2, N3, CMR, F)	*	*	*	*	*	*		*	yes	T4 3)	II B 4)	yes	*	1	14; 27; 29; *			
1268	11	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	F1	I	3+(N1, N2, N3, CMR, F)	N	1	1		400	95		1	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa	22
1268	12	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	F1	I	3+(N1, N2, N3, CMR, F)	N	2	1	1	50	95		3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa	22
1268	13	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	F1	I	3+(N1, N2, N3, CMR, F)	N	2	2		50	97		3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	110 kPa <= Pd50 < 175 kPa	22
1268	14	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	F1	I	3+(N1, N2, N3, CMR, F)	N	2	2	3	10	97		3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	110 kPa <= Pd50 < 150 kPa	22
1268	15	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	F1	I	3+(N1, N2, N3, CMR, F)	N	2	2		10	97		3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	Pd50 < 110 kPa	22
1268	2	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F)	*	*	*	*	*	*		*	yes	T4 3)	II B 4)	yes	*	1	14; 27; 29; *			
1268	21	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F)	N	1	1		400	95		1	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa	22
1268	22	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F)	N	2	1	1	50	95		3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa	22
1268	23	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F)	N	2	2		50	97		3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	110 kPa <= Pd50 < 175 kPa	22
1268	24	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F)	N	2	2	3	10	97		3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	110 kPa <= Pd50 < 150 kPa	22
1268	25	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F)	N	2	2		10	97		3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	Pd50 < 110 kPa	22
1268	3	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	F1	III	3+(N1, N2, N3, CMR, F)	*	*	*	*	*	*		*	yes	T4 3)	II B 4)	yes	*	0	14; 27; *			
1268	31	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	F1	III	3+(N1, N2, N3, CMR, F)	N	3	2			97		3	yes	T4 3)	II B 4)	yes	PP, EX, A	0	14	23 °C <= Fp <= 60 °C		22
1719	1	CAUSTIC ALKALI LIQUID, N.O.S.	8	C5	II	8+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*		*	yes			no	*	0	27; 30; 34; *			
1719	11	CAUSTIC ALKALI LIQUID, N.O.S.	8	C5	II	8+(N1, N2, N3, CMR, F or S)	N	2	3		10	97		3	yes			no	PP, EP	0	27; 30; 34		Pd50 > 12,5 kPa	22
1719	12	CAUSTIC ALKALI LIQUID, N.O.S.	8	C5	II	8+(N1, N2, N3, CMR, F or S)	N	4	2			97		3	yes			no	PP, EP	0	27; 30; 34	If the substanc react dangerously with water a single hull ship is not allowed!	Pd50 <= 12,5 kPa	22
1719	2	CAUSTIC ALKALI LIQUID, N.O.S.	8	C5	III	8+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*		*	yes			no	*	0	27; 30; 34; *			
1719	21	CAUSTIC ALKALI LIQUID, N.O.S.	8	C5	III	8+(N1, N2, N3, CMR, F or S)	N	4	2			97		3	yes			no	PP, EP	0	27; 30; 34	If the substanc react dangerously with water a single hull ship is not allowed!		22
1760	1	CORROSIVE LIQUID, N.O.S.	8	C9	I	8+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*		*	yes			no	*	0	27; 34; *			
1760	11	CORROSIVE LIQUID, N.O.S.	8	C9	I	8+(N1, N2, N3, CMR, F or S)	N	2	3		10	97		3	yes			no	PP, EP	0	27; 34		Pd50 > 12,5 kPa	22
1760	12	CORROSIVE LIQUID, N.O.S.	8	C9	I	8+(N1, N2, N3, CMR, F or S)	N	4	2			97		3	yes			no	PP, EP	0	27; 34	If the substanc react dangerously with water a single hull ship is not allowed!	Pd50 <= 12,5 kPa	22

1760	2	CORROSIVE LIQUID, N.O.S.	8	C9	II	8+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes			no	*	0	27; 34; *				
1760	21	CORROSIVE LIQUID, N.O.S.	8	C9	II	8+(N1, N2, N3, CMR, F or S)	N	2	3		10	97	3	yes			no	PP, EP	0	27; 34		Pd50 > 12,5 kPa		22
1760	22	CORROSIVE LIQUID, N.O.S.	8	C9	II	8+(N1, N2, N3, CMR, F or S)	N	4	2			97	3	yes			no	PP, EP	0	27; 34	If the substanc react dangerously with water a single hull ship is not allowed!	Pd50 <= 12,5 kPa		22
1760	3	CORROSIVE LIQUID, N.O.S.	8	C9	III	8+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes			no	*	0	27; 34; *				
1760	31	CORROSIVE LIQUID, N.O.S.	8	C9	III	8+(N1, N2, N3, CMR, F or S)	N	4	2			97	3	yes			no	PP, EP	0	27; 34	If the substanc react dangerously with water a single hull ship is not allowed!			22
1863	1	FUEL, AVIATION, TURBINE ENGINE	3	F1	I	3+(N1, N2, N3, CMR, F)	*	*	*	*	*	*	*	yes	T4 3)	II B 4)	yes	*	1	14; 29; *				
1863	11	FUEL, AVIATION, TURBINE ENGINE	3	F1	I	3+(N1, N2, N3, CMR, F)	N	1	1		400	95	1	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa		22
1863	12	FUEL, AVIATION, TURBINE ENGINE	3	F1	I	3+(N1, N2, N3, CMR, F)	N	2	1	1	50	95	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa		22
1863	13	FUEL, AVIATION, TURBINE ENGINE	3	F1	I	3+(N1, N2, N3, CMR, F)	N	2	2		50	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	110 kPa <= Pd50 < 175 kPa		22
1863	14	FUEL, AVIATION, TURBINE ENGINE	3	F1	I	3+(N1, N2, N3, CMR, F)	N	2	2	3	10	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	110 kPa <= Pd50 < 150 kPa		22
1863	15	FUEL, AVIATION, TURBINE ENGINE	3	F1	I	3+(N1, N2, N3, CMR, F)	N	2	2		10	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	Pd50 < 110 kPa		22
1863	2	FUEL, AVIATION, TURBINE ENGINE	3	F1	II	3+(N1, N2, N3, CMR, F)	*	*	*	*	*	*	*	yes	T4 3)	II B 4)	yes	*	1	14; 29; *				
1863	21	FUEL, AVIATION, TURBINE ENGINE	3	F1	II	3+(N1, N2, N3, CMR, F)	N	1	1		400	95	1	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa		22
1863	22	FUEL, AVIATION, TURBINE ENGINE	3	F1	II	3+(N1, N2, N3, CMR, F)	N	2	1	1	50	95	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa		22
1863	23	FUEL, AVIATION, TURBINE ENGINE	3	F1	II	3+(N1, N2, N3, CMR, F)	N	2	2		50	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	110 kPa <= Pd50 < 175 kPa		22
1863	24	FUEL, AVIATION, TURBINE ENGINE	3	F1	II	3+(N1, N2, N3, CMR, F)	N	2	2	3	10	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	110 kPa <= Pd50 < 150 kPa		22
1863	25	FUEL, AVIATION, TURBINE ENGINE	3	F1	II	3+(N1, N2, N3, CMR, F)	N	2	2		10	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 29	Fp < 23 °C	Pd50 < 110 kPa		22
1863	3	FUEL, AVIATION, TURBINE ENGINE	3	F1	III	3+(N1, N2, N3, CMR, F)	*	*	*	*	*	*	*	yes	T4 3)	II B 4)	yes	*	1	14; *				
1863	31	FUEL, AVIATION, TURBINE ENGINE	3	F1	III	3+(N1, N2, N3, CMR, F)	N	3	2			97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	0	14; *	23 °C <= Fp <= 60 °C			22
1986	1	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	3	FT1	I	3+6.1+(N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	1	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29; *				
1986	11	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	3	FT1	I	3+6.1+(N1, N2, N3, CMR, F or S)	No type C 2 2 possible because boiling point of packing group I is defined as below 35 °C																		
1986	2	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	3	FT1	II	3+6.1+(N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29; *				
1986	21	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	3	FT1	II	3+6.1+(N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29	Fp < 23 °C	60 °C < boiling point <= 85 °C		22; 23
1986	22	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	3	FT1	II	3+6.1+(N1, N2, N3, CMR, F or S)	C	2	2		50	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29	Fp < 23 °C	85 °C < boiling point <= 115 °C		22
1986	23	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	3	FT1	II	3+6.1+(N1, N2, N3, CMR, F or S)	C	2	2		35	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29	Fp < 23 °C	boiling point > 115 °C		22
1986	3	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	3	FT1	III	3+6.1+(N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	0	27; 29; *				
1986	31	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	3	FT1	III	3+6.1+(N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29	23 °C <= Fp <= 60 °C	60 °C < boiling point <= 85 °C		22; 23
1986	32	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	3	FT1	III	3+6.1+(N1, N2, N3, CMR, F or S)	C	2	2		50	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29	23 °C <= Fp <= 60 °C	85 °C < boiling point <= 115 °C		22
1986	33	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	3	FT1	III	3+6.1+(N1, N2, N3, CMR, F or S)	C	2	2		35	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29	23 °C <= Fp <= 60 °C	boiling point > 115 °C		22
1987	1	ALCOHOLS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes	T4 3)	II B 4)	yes	*	1	14; 27; 29; *				
1987	11	ALCOHOLS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	1	1		400	95	1	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa		22
1987	12	ALCOHOLS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	1	1	50	95	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa		22
1987	13	ALCOHOLS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	2		50	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	110 kPa <= Pd50 < 175 kPa		22
1987	14	ALCOHOLS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	2	3	10	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	110 kPa <= Pd50 < 150 kPa		22
1987	15	ALCOHOLS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	2		10	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	Pd50 < 110 kPa		22
1987	2	ALCOHOLS, N.O.S.	3	F1	III	3+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes	T4 3)	II B 4)	yes	*	0	14; 27; *				
1987	21	ALCOHOLS, N.O.S.	3	F1	III	3+(N1, N2, N3, CMR, F or S)	N	3	2			97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	0	14; 27	23 °C <= Fp <= 60 °C			22
1989	1	ALDEHYDES, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes	T4 3)	II B 4)	yes	*	1	14; 27; 29; *				
1989	11	ALDEHYDES, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	1	1		400	95	1	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa		22
1989	12	ALDEHYDES, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	1	1	50	95	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa		22
1989	13	ALDEHYDES, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	2		50	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	110 kPa <= Pd50 < 175 kPa		22
1989	14	ALDEHYDES, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	2	3	10	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	110 kPa <= Pd50 < 150 kPa		22
1989	15	ALDEHYDES, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	2		10	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	Pd50 < 110 kPa		22
1989	2	ALDEHYDES, N.O.S.	3	F1	III	3+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes	T4 3)	II B 4)	yes	*	0	14; 27; *				
1989	21	ALDEHYDES, N.O.S.	3	F1	III	3+(N1, N2, N3, CMR, F or S)	N	3	2			97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	0	14; 27	23 °C <= Fp <= 60 °C			22
1992	1	FLAMMABLE LIQUID, TOXIC, N.O.S	3	FT1	I	3+6.1+(N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	1	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29; *				
1992	11	FLAMMABLE LIQUID, TOXIC, N.O.S	3	FT1	I	3+6.1+(N1, N2, N3, CMR, F or S)	No type C 2 2 possible because boiling point of packing group I is defined as below 35 °C																		
1992	2	FLAMMABLE LIQUID, TOXIC, N.O.S	3	FT1	II	3+6.1+(N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29; *				
1992	21	FLAMMABLE LIQUID, TOXIC, N.O.S	3	FT1	II	3+6.1+(N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29	Fp < 23 °C	60 °C < boiling point <= 85 °C		22; 23
1992	22	FLAMMABLE LIQUID, TOXIC, N.O.S	3	FT1	II	3+6.1+(N1, N2, N3, CMR, F or S)	C	2	2		50	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29	Fp < 23 °C	85 °C < boiling point <= 115 °C		22
1992	23	FLAMMABLE LIQUID, TOXIC, N.O.S	3	FT1	II	3+6.1+(N1, N2, N3, CMR, F or S)	C	2	2		35	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29	Fp < 23 °C	boiling point > 115 °C		22
1992	3	FLAMMABLE LIQUID, TOXIC, N.O.S	3	FT1	III	3+6.1+(N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	0	27; 29; *				
1992	31	FLAMMABLE LIQUID, TOXIC, N.O.S	3	FT1	III	3+6.1+(N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29	23 °C <= Fp <= 60 °C	60 °C < boiling point <= 85 °C		22; 23
1992	32	FLAMMABLE LIQUID, TOXIC, N.O.S	3	FT1	III	3+6.1+(N1, N2, N3, CMR, F or S)	C	2	2		50	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29	23 °C <= Fp <= 60 °C	85 °C < boiling point <= 115 °C		22
1992	33	FLAMMABLE LIQUID, TOXIC, N.O.S	3	FT1	III	3+6.1+(N1, N2, N3, CMR, F or S)	C	2	2		35	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29	23 °C <= Fp <= 60 °C	boiling point > 115 °C		22
1993	1	FLAMMABLE LIQUID, N.O.S.	3	F1	I	3+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes	T4 3)	II B 4)	yes	*	1	14; 27; 29; *				
1993	11	FLAMMABLE LIQUID, N.O.S.	3	F1	I	3+(N1, N2, N3, CMR, F or S)	N	1	1		400	95	1	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa		22
1993	12	FLAMMABLE LIQUID, N.O.S.	3	F1	I	3+(N1, N2, N3, CMR, F or S)	N	2	1	1	50	95	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa		22
1993	13	FLAMMABLE LIQUID, N.O.S.	3	F1	I	3+(N1, N2, N3, CMR, F or S)	N	2	2		50	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	110 kPa <= Pd50 < 175 kPa		22
1993	14	FLAMMABLE LIQUID, N.O.S.	3	F1	I	3+(N1, N2, N3, CMR, F or S)	N	2	2	3	10	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	110 kPa <= Pd50 < 150 kPa		22
1993	15	FLAMMABLE LIQUID, N.O.S.	3	F1	I	3+(N1, N2, N3, CMR, F or S)	N	2	2		10	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	Pd50 < 110 kPa		22
1993	2	FLAMMABLE LIQUID, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes	T4 3)	II B 4)	yes	*	1	14; 27; 29; *				
1993	21	FLAMMABLE LIQUID, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	1	1		400	95	1	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa		22
1993	22	FLAMMABLE LIQUID, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	1	1	50	95	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa		22
1993	23	FLAMMABLE LIQUID, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	2		50	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	110 kPa <= Pd50 < 175 kPa		22
1993	24	FLAMMABLE LIQUID, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	2	3	10	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	110 kPa <= Pd50 < 150 kPa		22
1993	25	FLAMMABLE LIQUID, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	2		10	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	Pd50 < 110 kPa		22
1993	3	FLAMMABLE LIQUID, N.O.S.	3	F1	III	3+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes	T4 3)	II B 4)	yes	*	0	14; 27; *				
1993	31	FLAMMABLE LIQUID, N.O.S.	3	F1	III	3+(N1, N2, N3, CMR, F or S)	N	3	2			97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	0	14; 27	23 °C <= Fp <= 60 °C			22
2735	1	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.	8	C7	I	8+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes			no	*	0	27; 34; *				
2735	11	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.	8	C7	I	8+(N1, N2, N3, CMR, F or S)	N	2	3		10	97	3	yes			no	PP, EP	0	27; 34		Pd50 > 12,5 kPa		22
2735	12	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.	8	C7	I	8+(N1, N2, N3, CMR, F or S)	N	4	2			97	3	yes			no	PP, EP	0	27; 34		Pd50 <= 12,5 kPa		22

2735	2	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.	8	C7	II	8+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes			no	*	0	27; 34; *				
2735	21	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.	8	C7	II	8+(N1, N2, N3, CMR, F or S)	N	2	3		10	97	3	yes			no	PP, EP	0	27; 34			Pd50 > 12,5 kPa	22
2735	22	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.	8	C7	II	8+(N1, N2, N3, CMR, F or S)	N	4	2			97	3	yes			no	PP, EP	0	27; 34			Pd50 <= 12,5 kPa	22
2735	3	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.	8	C7	III	8+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes			no	*	0	27; 34; *				
2735	31	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.	8	C7	III	8+(N1, N2, N3, CMR, F or S)	N	4	2			97	3	yes			no	PP, EP	0	27; 34			Pd50 > 6 kPa	22
2810	1	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	T1	I	6.1+(N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	1	no			no	PP, EP, TOX, A	2	27; 29; *				
2810	11	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	T1	I	6.1+(N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	1	no			no	PP, EP, TOX, A	2	27; 29			60 °C < boiling point <= 85 °C	22; 23
2810	12	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	T1	I	6.1+(N1, N2, N3, CMR, F or S)	C	2	2		50	95	1	no			no	PP, EP, TOX, A	2	27; 29			85 °C < boiling point <= 115 °C	22
2810	13	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	T1	I	6.1+(N1, N2, N3, CMR, F or S)	C	2	2		35	95	1	no			no	PP, EP, TOX, A	2	27; 29			boiling point > 115 °C	22
2810	2	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	T1	II	6.1+(N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	2	no			no	PP, EP, TOX, A	2	27; 29; *				
2810	21	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	T1	II	6.1+(N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	2	no			no	PP, EP, TOX, A	2	27; 29			60 °C < boiling point <= 85 °C	22; 23
2810	22	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	T1	II	6.1+(N1, N2, N3, CMR, F or S)	C	2	2		50	95	2	no			no	PP, EP, TOX, A	2	27; 29			85 °C < boiling point <= 115 °C	22
2810	23	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	T1	II	6.1+(N1, N2, N3, CMR, F or S)	C	2	2		35	95	2	no			no	PP, EP, TOX, A	2	27; 29			boiling point > 115 °C	22
2810	3	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	T1	III	6.1+(N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	2	no			no	PP, EP, TOX, A	0	27; 29; *				
2810	31	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	T1	III	6.1+(N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	2	no			no	PP, EP, TOX, A	2	27; 29			60 °C < boiling point <= 85 °C	22; 23
2810	32	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	T1	III	6.1+(N1, N2, N3, CMR, F or S)	C	2	2		50	95	2	no			no	PP, EP, TOX, A	2	27; 29			85 °C < boiling point <= 115 °C	22
2810	33	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	T1	III	6.1+(N1, N2, N3, CMR, F or S)	C	2	2		35	95	2	no			no	PP, EP, TOX, A	2	27; 29			boiling point > 115 °C	22
2922	1	CORROSIVE LIQUID, TOXIC, N.O.S.	8	CT1	I	8+6.1+(N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	1	no			no	PP, EP, TOX, A	2	27; 29; *				
2922	11	CORROSIVE LIQUID, TOXIC, N.O.S.	8	CT1	I	8+6.1+(N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	1	no			no	PP, EP, TOX, A	2	27; 29			60 °C < boiling point <= 85 °C	22; 23
2922	12	CORROSIVE LIQUID, TOXIC, N.O.S.	8	CT1	I	8+6.1+(N1, N2, N3, CMR, F or S)	C	2	2		50	95	1	no			no	PP, EP, TOX, A	2	27; 29			85 °C < boiling point <= 115 °C	22
2922	13	CORROSIVE LIQUID, TOXIC, N.O.S.	8	CT1	I	8+6.1+(N1, N2, N3, CMR, F or S)	C	2	2		35	95	1	no			no	PP, EP, TOX, A	2	27; 29			boiling point > 115 °C	22
2922	2	CORROSIVE LIQUID, TOXIC, N.O.S.	8	CT1	II	8+6.1+(N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	2	no			no	PP, EP, TOX, A	2	27; 29; *				
2922	21	CORROSIVE LIQUID, TOXIC, N.O.S.	8	CT1	II	8+6.1+(N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	2	no			no	PP, EP, TOX, A	2	27; 29			60 °C < boiling point <= 85 °C	22; 23
2922	22	CORROSIVE LIQUID, TOXIC, N.O.S.	8	CT1	II	8+6.1+(N1, N2, N3, CMR, F or S)	C	2	2		50	95	2	no			no	PP, EP, TOX, A	2	27; 29			85 °C < boiling point <= 115 °C	22
2922	23	CORROSIVE LIQUID, TOXIC, N.O.S.	8	CT1	II	8+6.1+(N1, N2, N3, CMR, F or S)	C	2	2		35	95	2	no			no	PP, EP, TOX, A	2	27; 29			boiling point > 115 °C	22
2922	3	CORROSIVE LIQUID, TOXIC, N.O.S.	8	CT1	III	8+6.1+(N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	2	no			no	PP, EP, TOX, A	0	27; 29; *				
2922	31	CORROSIVE LIQUID, TOXIC, N.O.S.	8	CT1	III	8+6.1+(N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	2	no			no	PP, EP, TOX, A	0	27; 29			60 °C < boiling point <= 85 °C	22; 23
2922	32	CORROSIVE LIQUID, TOXIC, N.O.S.	8	CT1	III	8+6.1+(N1, N2, N3, CMR, F or S)	C	2	2		50	95	2	no			no	PP, EP, TOX, A	0	27; 29			85 °C < boiling point <= 115 °C	22
2922	33	CORROSIVE LIQUID, TOXIC, N.O.S.	8	CT1	III	8+6.1+(N1, N2, N3, CMR, F or S)	C	2	2		35	95	2	no			no	PP, EP, TOX, A	0	27; 29			boiling point > 115 °C	22
2924	1	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3	FC	I	3+8+(N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	1	yes	T4 3)	II B 4)	yes	*	1	27; 29; *				
2924	11	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3	FC	I	3+8+(N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	1	yes	T4 3)	II B 4)	yes	PP, EP, EX, A	2	27; 29	Fp < 23 °C		60 °C < boiling point <= 85 °C	22; 23
2924	12	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3	FC	I	3+8+(N1, N2, N3, CMR, F or S)	C	2	2		50	95	1	yes	T4 3)	II B 4)	yes	PP, EP, EX, A	2	27; 29	Fp < 23 °C		85 °C < boiling point <= 115 °C	22
2924	13	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3	FC	I	3+8+(N1, N2, N3, CMR, F or S)	C	2	2		35	95	1	yes	T4 3)	II B 4)	yes	PP, EP, EX, A	2	27; 29	Fp < 23 °C		boiling point > 115 °C	22
2924	2	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3	FC	II	3+8+(N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	2	yes	T4 3)	II B 4)	yes	*	1	27; 29; *				
2924	21	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3	FC	II	3+8+(N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	2	yes	T4 3)	II B 4)	yes	PP, EP, EX, A	2	27; 29	Fp < 23 °C		60 °C < boiling point <= 85 °C	22; 23
2924	22	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3	FC	II	3+8+(N1, N2, N3, CMR, F or S)	C	2	2		50	95	2	yes	T4 3)	II B 4)	yes	PP, EP, EX, A	2	27; 29	Fp < 23 °C		85 °C < boiling point <= 115 °C	22
2924	23	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3	FC	II	3+8+(N1, N2, N3, CMR, F or S)	C	2	2		35	95	2	yes	T4 3)	II B 4)	yes	PP, EP, EX, A	2	27; 29	Fp < 23 °C		boiling point > 115 °C	22
2924	3	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3	FC	III	3+8+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes	T4 3)	II B 4)	yes	*	0	27; 34; *				
2924	31	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3	FC	III	3+8+(N1, N2, N3, CMR, F or S)	N	3	2			97	3	yes	T4 3)	II B 4)	yes	PP, EP, EX, A	0	27; 34	23 °C <= Fp <= 60 °C			22
2927	1	TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.	6.1	TC1	I	6.1+8+(N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	1	no			no	PP, EP, TOX, A	2	27; 29; *				
2927	11	TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.	6.1	TC1	I	6.1+8+(N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	1	no			no	PP, EP, TOX, A	2	27; 29			60 °C < boiling point <= 85 °C	22; 23
2927	12	TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.	6.1	TC1	I	6.1+8+(N1, N2, N3, CMR, F or S)	C	2	2		50	95	1	no			no	PP, EP, TOX, A	2	27; 29			85 °C < boiling point <= 115 °C	22
2927	13	TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.	6.1	TC1	I	6.1+8+(N1, N2, N3, CMR, F or S)	C	2	2		35	95	1	no			no	PP, EP, TOX, A	2	27; 29			boiling point > 115 °C	22
2927	2	TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.	6.1	TC1	II	6.1+8+(N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	2	no			no	PP, EP, TOX, A	2	27; 29; *				
2927	21	TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.	6.1	TC1	II	6.1+8+(N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	2	no			no	PP, EP, TOX, A	2	27; 29			60 °C < boiling point <= 85 °C	22; 23
2927	22	TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.	6.1	TC1	II	6.1+8+(N1, N2, N3, CMR, F or S)	C	2	2		50	95	2	no			no	PP, EP, TOX, A	2	27; 29			85 °C < boiling point <= 115 °C	22
2927	23	TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.	6.1	TC1	II	6.1+8+(N1, N2, N3, CMR, F or S)	C	2	2		35	95	2	no			no	PP, EP, TOX, A	2	27; 29			boiling point > 115 °C	22
2929	1	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.	6.1	TF1	I	6.1+3+(N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	1	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29; *				
2929	11	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.	6.1	TF1	I	6.1+3+(N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	1	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29	Fp < 23 °C		60 °C < boiling point <= 85 °C	22; 23
2929	12	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.	6.1	TF1	I	6.1+3+(N1, N2, N3, CMR, F or S)	C	2	2		50	95	1	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29	Fp < 23 °C		85 °C < boiling point <= 115 °C	22
2929	13	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.	6.1	TF1	I	6.1+3+(N1, N2, N3, CMR, F or S)	C	2	2		35	95	1	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29	Fp < 23 °C		boiling point > 115 °C	22

2929	2	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.	6.1	TF1	II	6.1+3+(N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29; *			
2929	21	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.	6.1	TF1	II	6.1+3+(N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29	Fp < 23 °C	60 °C < boiling point <= 85 °C	22; 23
2929	22	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.	6.1	TF1	II	6.1+3+(N1, N2, N3, CMR, F or S)	C	2	2		50	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29	Fp < 23 °C	85 °C < boiling point <= 115 °C	22
2929	23	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.	6.1	TF1	II	6.1+3+(N1, N2, N3, CMR, F or S)	C	2	2		35	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29	Fp < 23 °C	boiling point > 115 °C	22
3082	1	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	9	M6	III	9+(N1, N2, CMR, F or S)	*	*	*	*	*	*	*	yes			no	*	0	22; 27; *			
3082	11	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	9	M6	III	9+(N1, N2, CMR, F or S)	N	4	3			97	3	yes			no	PP	0	22; 27			
3256	1	ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S. with flash-point above 60 °C, at or above its flash-point	3	F2	III	3+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	95	*	yes	T4 3)	II B 4)	yes	*	0	7; 27; *			
3256	11	ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S. with flash-point above 60 °C, at or above its flash-point	3	F2	III	3+(N1, N2, N3, CMR, F or S)	N	3	2	4		95	3	yes	T4 3)	II B 4)	yes	PP, EX, A	0	22; 27		T <= 80 °C	22
3256	11	ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S. with flash-point above 60 °C, at or above its flash-point	3	F2	III	3+(N1, N2, N3, CMR, F or S)	N	3	1	4		95	3	yes	T4 3)	II B 4)	yes	PP, EX, A	0	22; 27		80 °C < T <= 115 °C	22; 25
3256	11	ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S. with flash-point above 60 °C, at or above its flash-point	3	F2	III	3+(N1, N2, N3, CMR, F or S)	N	3	1	4		95	3	yes	T4 3)	II B 4)	yes	PP, EX, A	0	22; 27		T > 115 °C	22
3257	1	ELEVATED TEMPERATURE LIQUID, N.O.S. at or above 100 °C and below its flash-point (including molten metals, molten salts, etc.)	9	M9	III	9+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	95	*	yes			no	*	0	7; 20:+115 ºC; 22; 24; 25; 27; *			
3257	1	ELEVATED TEMPERATURE LIQUID, N.O.S. at or above 100 °C and below its flash-point (including molten metals, molten salts, etc.)	9	M9	III	9+(N1, N2, N3, CMR, F or S)	N	4	1	4		95	*	yes			no	PP	0	7; 20:+115 ºC; 22; 24; 25; 27			
3257	2	ELEVATED TEMPERATURE LIQUID, N.O.S. at or above 100 °C and below its flash-point (including molten metals, molten salts, etc.)	9	M9	III	9+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	95	*	yes			no	*	0	7; 20:+225 ºC; 22; 24; 27; *			
3257	2	ELEVATED TEMPERATURE LIQUID, N.O.S. at or above 100 °C and below its flash-point (including molten metals, molten salts, etc.)	9	M9	III	9+(N1, N2, N3, CMR, F or S)	N	4	1	4		95	*	yes			no	PP	0	7; 20:+225 ºC; 22; 24; 27			
3264	1	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	8	C1	I	8+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes			no	*	0	27; 34; *			
3264	11	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	8	C1	I	8+(N1, N2, N3, CMR, F or S)	N	2	3		10	97	3	yes			no	PP, EP	0	27; 34		Pd50 > 12,5 kPa	22
3264	12	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	8	C1	I	8+(N1, N2, N3, CMR, F or S)	N	4	3			97	3	yes			no	PP, EP	0	27; 34		Pd50 <= 12,5 kPa	22
3264	2	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	8	C1	II	8+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes			no	*	0	27; 34; *			
3264	21	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	8	C1	II	8+(N1, N2, N3, CMR, F or S)	N	2	3		10	97	3	yes			no	PP, EP	0	27; 34		Pd50 > 12,5 kPa	22
3264	22	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	8	C1	II	8+(N1, N2, N3, CMR, F or S)	N	4	3			97	3	yes			no	PP, EP	0	27; 34		Pd50 <= 12,5 kPa	22
3264	3	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	8	C1	III	8+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes			no	*	0	27; 34; *			
3264	31	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	8	C1	III	8+(N1, N2, N3, CMR, F or S)	N	4	3			97	3	yes			no	PP, EP	0	27; 34		Pd50 > 6 kPa	22
3264	32	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	8	C1	III	8+(N1, N2, N3, CMR, F or S)	N	4	3			97	3	yes			no	PP, EP	0	27; 34		degree of corrosive to steel or aluminium => 6,25 mm/year	22
3264	33	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	8	C1	III	8+(N1, N2, N3, CMR, F or S)	N	4	3			97	3	yes			no	PP, EP	0	27; 34		melting point > 0 °C and transported at elevated temeratures	22
3265	1	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	8	C3	I	8+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes			no	*	0	27; 34; *			
3265	11	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	8	C3	I	8+(N1, N2, N3, CMR, F or S)	N	2	3		10	97	3	yes			no	PP, EP	0	27; 34		Pd50 > 12,5 kPa	22
3265	12	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	8	C3	I	8+(N1, N2, N3, CMR, F or S)	N	4	3			97	3	yes			no	PP, EP	0	27; 34		Pd50 <= 12,5 kPa	22
3265	2	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	8	C3	II	8+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes			no	*	0	27; 34; *			
3265	21	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	8	C3	II	8+(N1, N2, N3, CMR, F or S)	N	2	3		10	97	3	yes			no	PP, EP	0	27; 34		Pd50 > 12,5 kPa	22
3265	22	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	8	C3	II	8+(N1, N2, N3, CMR, F or S)	N	4	3			97	3	yes			no	PP, EP	0	27; 34		Pd50 <= 12,5 kPa	22
3265	3	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	8	C3	III	8+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes			no	*	0	27; 34; *			
3265	31	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	8	C3	III	8+(N1, N2, N3, CMR, F or S)	N	4	3			97	3	yes			no	PP, EP	0	27; 34		Pd50 > 6 kPa	22
3265	32	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	8	C3	III	8+(N1, N2, N3, CMR, F or S)	N	4	3			97	3	yes			no	PP, EP	0	27; 34		degree of corrosive to steel or aluminium => 6,25 mm/year	22
3265	33	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	8	C3	III	8+(N1, N2, N3, CMR, F or S)	N	4	3			97	3	yes			no	PP, EP	0	27; 34		melting point > 0 °C and transported at elevated temeratures	22
3266	1	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	8	C5	I	8+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes			no	*	0	27; 34; *			

3266	11	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	8	C5	I	8+(N1, N2, N3, CMR, F or S)	N	2	3		10	97	3	yes			no	PP, EP	0	27; 34			Pd50 > 12,5 kPa	22
3266	12	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	8	C5	I	8+(N1, N2, N3, CMR, F or S)	N	4	2			97	3	yes			no	PP, EP	0	27; 34			Pd50 <= 12,5 kPa	22
3266	2	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	8	C5	II	8+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes			no	*	0	27; 34; *				
3266	21	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	8	C5	II	8+(N1, N2, N3, CMR, F or S)	N	2	3		10	97	3	yes			no	PP, EP	0	27; 34			Pd50 > 12,5 kPa	22
3266	22	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	8	C5	II	8+(N1, N2, N3, CMR, F or S)	N	4	2			97	3	yes			no	PP, EP	0	27; 34			Pd50 <= 12,5 kPa	22
3266	3	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	8	C5	III	8+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes			no	*	0	27; 34; *				
3266	31	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	8	C5	III	8+(N1, N2, N3, CMR, F or S)	N	4	2			97	3	yes			no	PP, EP	0	27; 34			Pd50 > 6 kPa	22
3267	1	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	8	C7	I	8+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes			no	*	0	27; 34; *				
3267	11	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	8	C7	I	8+(N1, N2, N3, CMR, F or S)	N	2	3		10	97	3	yes			no	PP, EP	0	27; 34			Pd50 > 12,5 kPa	22
3267	12	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	8	C7	I	8+(N1, N2, N3, CMR, F or S)	N	4	2			97	3	yes			no	PP, EP	0	27; 34			Pd50 <= 12,5 kPa	22
3267	2	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	8	C7	II	8+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes			no	*	0	27; 34; *				
3267	21	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	8	C7	II	8+(N1, N2, N3, CMR, F or S)	N	2	3		10	97	3	yes			no	PP, EP	0	27; 34			Pd50 > 12,5 kPa	22
3267	22	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	8	C7	II	8+(N1, N2, N3, CMR, F or S)	N	4	2			97	3	yes			no	PP, EP	0	27; 34			Pd50 <= 12,5 kPa	22
3267	3	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	8	C7	III	8+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes			no	*	0	27; 34; *				
3267	31	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	8	C7	III	8+(N1, N2, N3, CMR, F or S)	N	4	2			97	3	yes			no	PP, EP	0	27; 34			Pd50 > 6 kPa	22
3271	1	ETHERS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes	T4 3)	II B 4)	yes	*	1	14; 27; 29; *				
3271	11	ETHERS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	1	1		400	95	1	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C		175 kPa <= Pd50 < 300 kPa	22
3271	12	ETHERS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	1	1	50	95	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C		175 kPa <= Pd50 < 300 kPa	22
3271	13	ETHERS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	2		50	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C		110 kPa <= Pd50 < 175 kPa	22
3271	14	ETHERS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	2	3	10	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C		110 kPa <= Pd50 < 150 kPa	22
3271	15	ETHERS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	2		10	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C		Pd50 < 110 kPa	22
3271	2	ETHERS, N.O.S.	3	F1	III	3+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes	T4 3)	II B 4)	yes	*	0	14; 27; *				
3271	21	ETHERS, N.O.S.	3	F1	III	3+(N1, N2, N3, CMR, F or S)	N	3	2			97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	0	14; 27	23 °C <= Fp <= 60 °C			22
3272	1	ESTERS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes	T2	II B 4)	yes	*	1	14; 27; 29; *				
3272	11	ESTERS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	1	1		400	95	1	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C		175 kPa <= Pd50 < 300 kPa	22
3272	12	ESTERS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	1	1	50	95	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C		175 kPa <= Pd50 < 300 kPa	22
3272	13	ESTERS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	2		50	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C		110 kPa <= Pd50 < 175 kPa	22
3272	14	ESTERS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	2	3	10	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C		110 kPa <= Pd50 < 150 kPa	22
3272	15	ESTERS, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	2		10	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C		Pd50 < 110 kPa	22
3272	2	ESTERS, N.O.S.	3	F1	III	3+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes	T4 3)	II B 4)	yes	*	0	14; 27; *				
3272	21	ESTERS, N.O.S.	3	F1	III	3+(N1, N2, N3, CMR, F or S)	N	3	2			97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	0	14; 27	23 °C <= Fp <= 60 °C			22
3286	1	FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.	3	FTC	I	3+6.1+8+ (N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	1	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29; *				
3286	11	FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.	3	FTC	I	3+6.1+8+ (N1, N2, N3, CMR, F or S)	No type C 2 2 possible because boiling point of packing group I is defined as below 35 °C																		
3286	2	FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.	3	FTC	II	3+6.1+8+ (N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29; *				
3286	21	FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.	3	FTC	II	3+6.1+8+ (N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29	Fp < 23 °C		60 °C < boiling point <= 85 °C	22; 23
3286	22	FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.	3	FTC	II	3+6.1+8+ (N1, N2, N3, CMR, F or S)	C	2	2		50	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29	Fp < 23 °C		85 °C < boiling point <= 115 °C	22
3286	23	FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.	3	FTC	II	3+6.1+8+ (N1, N2, N3, CMR, F or S)	C	2	2		35	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	27; 29	Fp < 23 °C		boiling point > 115 °C	22
3287	1	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	T4	I	6.1+ (N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	1	no			no	PP, EP, TOX, A	2	27; 29; *				
3287	11	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	T4	I	6.1+(N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	1	no			no	PP, EP, TOX, A	2	27; 29			60 °C < boiling point <= 85 °C	22
3287	12	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	T4	I	6.1+(N1, N2, N3, CMR, F or S)	C	2	2		50	95	1	no			no	PP, EP, TOX, A	2	27; 29			85 °C < boiling point <= 115 °C	22
3287	13	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	T4	I	6.1+(N1, N2, N3, CMR, F or S)	C	2	2		35	95	1	no			no	PP, EP, TOX, A	2	27; 29			boiling point > 115 °C	22
3287	2	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	T4	II	6.1+ (N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	2	no			no	PP, EP, TOX, A	2	27; 29; *				
3287	21	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	T4	II	6.1+(N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	2	no			no	PP, EP, TOX, A	2	27; 29			60 °C < boiling point <= 85 °C	22
3287	22	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	T4	II	6.1+(N1, N2, N3, CMR, F or S)	C	2	2		50	95	2	no			no	PP, EP, TOX, A	2	27; 29			85 °C < boiling point <= 115 °C	22
3287	23	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	T4	II	6.1+(N1, N2, N3, CMR, F or S)	C	2	2		35	95	2	no			no	PP, EP, TOX, A	2	27; 29			boiling point > 115 °C	22
3287	3	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	T4	III	6.1+ (N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	2	no			no	PP, EP, TOX, A	0	27; 29; *				
3287	31	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	T4	III	6.1+(N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	2	no			no	PP, EP, TOX, A	2	27; 29			60 °C < boiling point <= 85 °C	22
3287	32	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	T4	III	6.1+(N1, N2, N3, CMR, F or S)	C	2	2		50	95	2	no			no	PP, EP, TOX, A	2	27; 29			85 °C < boiling point <= 115 °C	22
3287	33	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	T4	III	6.1+(N1, N2, N3, CMR, F or S)	C	2	2		35	95	2	no			no	PP, EP, TOX, A	2	27; 29			boiling point > 115 °C	22
3289	1	TOXIC LIQUID, CORROSIVE, INORGANIC, N.O.S. BOILING POINT > 115 °C	6.1	TC3	I	6.1+8+ (N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	1	no			no	PP, EP, TOX, A	2	27; 29; *				
3289	1	TOXIC LIQUID, CORROSIVE, INORGANIC, N.O.S. BOILING POINT > 115 °C	6.1	TC3	I	6.1+8+ (N1, N2, N3, CMR, F or S)	C	2	2		35	95	1	no			no	PP, EP, TOX, A	2	27; 29				22
3289	2	TOXIC LIQUID, CORROSIVE, INORGANIC, N.O.S. BOILING POINT > 115 °C	6.1	TC3	II	6.1+8+ (N1, N2, N3, CMR, F or S)	C	2	2	*	*	95	2	no			no	PP, EP, TOX, A	2	27; 29; *				
3289	2	TOXIC LIQUID, CORROSIVE, INORGANIC, N.O.S. BOILING POINT > 115 °C	6.1	TC3	II	6.1+8+ (N1, N2, N3, CMR, F or S)	C	2	2		35	95	2	no			no	PP, EP, TOX, A	2	27; 29				22
3295	1	HYDROCARBONS, LIQUID, N.O.S.	3	F1	I	3+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes	T4 3)	II B 4)	yes	*	1	14; 27; 29; *				
3295	11	HYDROCARBONS, LIQUID, N.O.S.	3	F1	I	3+(N1, N2, N3, CMR, F or S)	N	1	1		400	95	1	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C		175 kPa <= Pd50 < 300 kPa	22
3295	12	HYDROCARBONS, LIQUID, N.O.S.	3	F1	I	3+(N1, N2, N3, CMR, F or S)	N	2	1	1	50	95	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C		175 kPa <= Pd50 < 300 kPa	22
3295	13	HYDROCARBONS, LIQUID, N.O.S.	3	F1	I	3+(N1, N2, N3, CMR, F or S)	N	2	2		50	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C		110 kPa <= Pd50 < 175 kPa	22
3295	14	HYDROCARBONS, LIQUID, N.O.S.	3	F1	I	3+(N1, N2, N3, CMR, F or S)	N	2	2	3	10	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C		110 kPa <= Pd50 < 150 kPa	22
3295	15	HYDROCARBONS, LIQUID, N.O.S.	3	F1	I	3+(N1, N2, N3, CMR, F or S)	N	2	2		10	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C		Pd50 < 110 kPa	22

3295	2	HYDROCARBONS, LIQUID, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes	T4 3)	II B 4)	yes	*	1	14; 27; 29; *			
3295	21	HYDROCARBONS, LIQUID, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	1	1		400	95	1	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa	22
3295	22	HYDROCARBONS, LIQUID, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	1	1	50	95	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	175 kPa <= Pd50 < 300 kPa	22
3295	23	HYDROCARBONS, LIQUID, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	2		50	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	110 kPa <= Pd50 < 175 kPa	22
3295	24	HYDROCARBONS, LIQUID, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	2	3	10	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	110 kPa <= Pd50 < 150 kPa	22
3295	25	HYDROCARBONS, LIQUID, N.O.S.	3	F1	II	3+(N1, N2, N3, CMR, F or S)	N	2	2		10	97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	1	14; 27; 29	Fp < 23 °C	Pd50 < 110 kPa	22
3295	3	HYDROCARBONS, LIQUID, N.O.S.	3	F1	III	3+(N1, N2, N3, CMR, F or S)	*	*	*	*	*	*	*	yes	T4 3)	II B 4)	yes	*	0	14; 27; *			
3295	31	HYDROCARBONS, LIQUID, N.O.S.	3	F1	III	3+(N1, N2, N3, CMR, F or S)	N	3	2			97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	0	14; 27	23 °C <= Fp <= 60 °C		22
3494	1	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3	TF1	I	3+6.1+ (N1, N2, N3, CMR, F or S)	C	*	*	*	*	95	1	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	14; 27; *			
3494	11	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3	TF1	I	3+6.1+ (N1, N2, N3, CMR, F or S)	C	1	1		400	95	1	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	14; 27	Fp < 23 °C	boiling point <= 60 °C	22; 29
3494	12	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3	TF1	I	3+6.1+ (N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	1	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	14; 27	Fp < 23 °C	60 °C < boiling point <= 85 °C	22; 23; 29
3494	13	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3	TF1	I	3+6.1+ (N1, N2, N3, CMR, F or S)	C	2	2		50	95	1	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	14; 27	Fp < 23 °C	85 °C < boiling point <= 115 °C	22; 29
3494	14	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3	TF1	I	3+6.1+ (N1, N2, N3, CMR, F or S)	C	2	2		35	95	1	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	14; 27	Fp < 23 °C	boiling point > 115 °C	22; 29
3494	2	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3	TF1	II	3+6.1+ (N1, N2, N3, CMR, F or S)	C	*	*	*	*	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	14; 27; *			
3494	21	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3	TF1	II	3+6.1+ (N1, N2, N3, CMR, F or S)	C	1	1		400	95	1	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	14; 27	Fp < 23 °C	boiling point <= 60 °C	22; 29
3494	22	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3	TF1	II	3+6.1+ (N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	14; 27	Fp < 23 °C	60 °C < boiling point <= 85 °C	22; 23; 29
3494	23	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3	TF1	II	3+6.1+ (N1, N2, N3, CMR, F or S)	C	2	2		50	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	14; 27	Fp < 23 °C	85 °C < boiling point <= 115 °C	22; 29
3494	24	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3	TF1	II	3+6.1+ (N1, N2, N3, CMR, F or S)	C	2	2		35	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	14; 27	Fp < 23 °C	boiling point > 115 °C	22; 29
3494	3	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3	TF1	III	3+6.1+ (N1, N2, N3, CMR, F or S)	C	*	*	*	*	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	0	14; 27; *			
3494	31	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3	TF1	III	3+6.1+ (N1, N2, N3, CMR, F or S)	C	1	1		400	95	1	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	14; 27	Fp < 23 °C	boiling point <= 60 °C	22; 29
3494	32	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3	TF1	III	3+6.1+ (N1, N2, N3, CMR, F or S)	C	2	2	3	50	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	14; 27	Fp < 23 °C	60 °C < boiling point <= 85 °C	22; 23; 29
3494	33	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3	TF1	III	3+6.1+ (N1, N2, N3, CMR, F or S)	C	2	2		50	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	2	14; 27	Fp < 23 °C	85 °C < boiling point <= 115 °C	22; 29
3494	34	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3	TF1	III	3+6.1+ (N1, N2, N3, CMR, F or S)	C	2	2		35	95	2	no	T4 3)	II B 4)	yes	PP, EP, EX, TOX, A	0	14; 27	Fp < 23 °C	boiling point > 115 °C	22; 29
9001	1	SUBSTANCES WITH A FLASHPOINT ABOVE 60 °C handed over for carriage or carried at a TEMPERATURE WITHIN A RANGE OF 15K BELOW THE IR FLASH-POINT OR SUBSTANCES WITH A FLASH-POINT > 60 °C, HEATED TO LESS THAN 15 K FROM THE FLASH-POINT	3	F4		3+(N1+N2+N3+CMR+F+S)	*	*	*	*	*	*	*	yes	T4 3)	II B 4)	yes	*	0	27; *			
9001	11	SUBSTANCES WITH A FLASHPOINT ABOVE 60 °C handed over for carriage or carried at a TEMPERATURE WITHIN A RANGE OF 15K BELOW THE IR FLASH-POINT OR SUBSTANCES WITH A FLASH-POINT > 60 °C, HEATED TO LESS THAN 15 K FROM THE FLASH-POINT	3	F4		3+(N1+N2+N3+CMR+F+S)	N	3	2			97	3	yes	T4 3)	II B 4)	yes	PP, EX, A	0	27			22
9002	1	SUBSTANCES HAVING A SELFIGNITION TEMPERATURE ≤ 200 °C, N.O.S.	3	F5		3+(N1+N2+N3+CMR+F+S)	C	1	1	*	*	95	1	yes	T4	II B 4)	yes	*	0	*			
9002	11	SUBSTANCES HAVING A SELFIGNITION TEMPERATURE ≤ 200 °C, N.O.S.	3	F5		3+(N1+N2+N3+CMR+F+S)	C	1	1			95	1	yes	T4	II B 4)	yes	PP, EX, A	0	*			22
9003	1	SUBSTANCES WITH A FLASHPOINT ABOVE 60 °C BUT NOT MORE THAN 100 °C or SUBSTANCES WHERE 60° C < flash- point ≤ 100° C, which are not affected to another class	9			9+(N1+N2+N3+CMR+F+S)	*	*	*	*	*	*	*	yes			no	*	0	27; *			
9003	11	SUBSTANCES WITH A FLASHPOINT ABOVE 60 °C BUT NOT MORE THAN 100 °C or SUBSTANCES WHERE 60° C < flash- point ≤ 100° C, which are not affected to another class	9			9+(N1+N2+N3+CMR+F+S)	N	4	2			97	3	yes			no	PP	0	27			22
9005	1	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, MOLTEN	9			9+(N2+N3+CMR+F+S)	*	*	*	*	*	97	*	yes			no	*	0	*			
9005	11	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, MOLTEN	9			9+(N2+N3+CMR+F+S)	N	4	2	4		95	3	yes			no	PP	0		T <= 80 °C		7; 22; 27
9005	12	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, MOLTEN	9			9+(N2+N3+CMR+F+S)	N	4	1	4		95	3	yes			no	PP	0		80 °C < T <= 115 °C		7; 22; 25; 27
9005	13	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, MOLTEN	9			9+(N2+N3+CMR+F+S)	N	4	1	4		95	3	yes			no	PP	0		T > 115 °C		7; 22; 27
9006	1	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	9			9+(N2+N3+CMR+F+S)	*	*	*	*	*	97	*	yes			no	*	0	*			
9006	11	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	9			9+(N2+N3+CMR+F+S)	N	4	2			97	3	yes			no	PP	0				22; 27