



International Civil Aviation Organization

WORKING PAPER

DGP-WG/15-WP/17

17/4/15

Addendum

23/4/15

**DANGEROUS GOODS PANEL (DGP)
WORKING GROUP MEETING (DGP-WG/15)**

Montreal, 27 April to 1 May 2015

Agenda Item 3: Development of recommendations for amendments to the *Supplement to the Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284SU) for incorporation in the 2017-2018 Edition

**DRAFT AMENDMENTS TO THE SUPPLEMENT TO THE TECHNICAL INSTRUCTIONS TO
ALIGN WITH THE UN RECOMMENDATIONS**

(Presented by the Secretary)

ADDENDUM

SUMMARY

This addendum to DGP-WG/15-WP/17 includes additional revisions to the Supplementary Dangerous Goods List contained in the *Supplement to the Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284SU) to reflect the decisions taken by the UN Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals at its seventh session (Geneva, 12 December 2014).

The DGP-WG is invited to review the proposed amendments presented in the appendix to this working paper in conjunction with the amendments presented in DGP-WG/15-WP/17.

APPENDIX

**PROPOSED AMENDMENTS TO THE SUPPLEMENTARY DANGEROUS GOODS LIST
CONTAINED IN THE SUPPLEMENT TO THE TECHNICAL INSTRUCTIONS**

Table S-3-1. Supplementary Dangerous Goods List - DRAFT

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
+ Rocket motors †	0510	1.4C		Explosive 1.4				E0	FORBIDDEN		130	75 kg
≠ Ammonia, anhydrous	1005	2.3	8	Gas toxic & Corrosive	AU 1 CA 7 IR 3 NL 1 US 3	A2 <u>A329</u>			See 210		See 210	
≠ Butadienes and hydrocarbon mixture, stabilized, containing more than 40% butadienes	1010	2.1		Gas flammable	AU 1 CA 7 IR 3 NL 1 US 3	A1 <u>A209</u>		E0	FORBIDDEN		200	150 kg
≠ Butadienes, stabilized	1010	2.1		Gas flammable	AU 1 CA 7 IR 3 NL 1 US 3	A1 <u>A209</u>		E0	200	(5 kg)	200	150 kg
≠ Hydrogen cyanide, stabilized containing less than 3% water	1051	6.1	3	Toxic & Liquid flammable		<u>A209</u> A323	I		FORBIDDEN		FORBIDDEN	
≠ Methylacetylene and propadiene mixture, stabilized †	1060	2.1		Gas flammable	AU 1 CA 7 IR 3 NL 1 US 3	A1 <u>A209</u>		E0	200	(5 kg)	200	150 kg
≠ Tetrafluoroethylene, stabilized	1081	2.1		Gas flammable	AU 1 CA 7 IR 3 NL 1 US 3	A1 <u>A209</u>		E0	200	(5 kg)	200	150 kg
≠ Refrigerant gas R 1113	1082	2.3	2.1	Gas toxic & Gas flammable	AU 1 CA 7 IR 3 NL 1 US 3	A2 <u>A209</u>			FORBIDDEN		FORBIDDEN	
≠ Trifluorochloroethylene, stabilized	1082	2.3	2.1	Gas toxic & Gas flammable	AU 1 CA 7 IR 3 NL 1 US 3	A2 <u>A209</u>			See 210		See 210	

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only		
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package	
1	2	3	4	5	6	7	8	9	10	11	12	13	
≠ Vinyl bromide, stabilized	1085	2.1		Gas flammable	AU 1 CA 7 IR 3 NL 1 US 3	A1 <u>A209</u>			E0	200	(5 kg)	200	150 kg
≠ Vinyl chloride, stabilized	1086	2.1		Gas flammable	AU 1 CA 7 IR 3 NL 1 US 3 US 4	A1 <u>A209</u>			E0	200	(5 kg)	200	150 kg
≠ Vinyl methyl ether, stabilized	1087	2.1		Gas flammable	AU 1 CA 7 IR 3 NL 1 US 3	A1 <u>A209</u>			E0	200	(5 kg)	200	150 kg
≠ Acrolein, stabilized	1092	6.1	3	Toxic & Liquid flammable		<u>A209</u> A323		I		FORBIDDEN		FORBIDDEN	
≠ Acrylonitrile, stabilized	1093	3	6.1	Liquid flammable & Toxic		<u>A209</u>		I	E0	FORBIDDEN		361	30 L
≠ Crotonaldehyde	1143	6.1	3	Toxic & Liquid flammable	AU 1 CA 7 IR 3 NL 1 US 3 US 4	A2 <u>A209</u> A319		I		FORBIDDEN		FORBIDDEN	
≠ Crotonaldehyde, stabilized	1143	6.1	3	Toxic & Liquid flammable	AU 1 CA 7 IR 3 NL 1 US 3 US 4	A2 <u>A209</u> A323		I		FORBIDDEN		FORBIDDEN	
≠ Ethyleneimine, stabilized	1185	6.1	3	Toxic & Liquid flammable		<u>A209</u> A323		I		FORBIDDEN		FORBIDDEN	
≠ Methyl vinyl ketone, stabilized	1251	6.1	3 8	Toxic & Liquid flammable & Corrosive		<u>A209</u> A323		I		FORBIDDEN		FORBIDDEN	
≠ Allyl isothiocyanate, stabilized	1545	6.1	3	Toxic & Liquid flammable	AU 1 CA 7 IR 3 NL 1 US 3	A1 <u>A209</u>	II		E0	654	(5 L)	661	60 L

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
≠ Cyanogen chloride, stabilized	1589	2.3	8	Gas toxic & Corrosive	AU 1 CA 7 IR 3 NL 1 US 3	A2 <u>A209</u>			See 210		See 210	
≠ Hydrogen cyanide, stabilized containing less than 3% water and absorbed in a porous inert material	1614	6.1		Toxic		<u>A209</u>	I		FORBIDDEN		FORBIDDEN	
≠ Allyltrichlorosilane, stabilized	1724	8	3	Corrosive & Liquid flammable	AU 1 CA 7 IR 3 NL 1 US 3	A1 <u>A209</u>	II	E0	876	(1 L)	876	30 L
≠ Sulphur trioxide, stabilized	1829	8		Corrosive	AU 1 CA 7 IR 3 NL 1 US 3	A2 <u>A209</u> A323	I		858	(1 kg)	862	(25 kg)
≠ Vinyl fluoride, stabilized	1860	2.1		Gas flammable	AU 1 CA 7 IR 3 NL 1 US 3	A1 <u>A209</u>		E0	200	(5 kg)	200	150 kg
≠ Propyleneimine, stabilized	1921	3	6.1	Liquid flammable & Toxic	US 4	<u>A209</u>	I	E0	FORBIDDEN		361	30 L
≠ Aerosols, non-flammable (tear gas devices)	1950	2.2	6.1	Gas non-flammable & Toxic	AU 1 CA 7 IR 3 NL 1 US 3	A1 A145 A167		E0	212	(75 kg)	<u>203</u>	50 kg
≠ Chloroprene, stabilized	1991	3	6.1	Liquid flammable & Toxic		<u>A209</u>	I	E0	FORBIDDEN		361	30 L
≠ Propadiene, stabilized	2200	2.1		Gas flammable	AU 1 CA 7 IR 3 NL 1 US 3	A1 <u>A209</u>		E0	200	(5 kg)	200	150 kg
≠ Ethylacetylene, stabilized	2452	2.1		Gas flammable	AU 1 CA 7 IR 3 NL 1 US 3	A1 <u>A209</u>		E0	200	(5 kg)	200	150 kg
≠ Diketene, stabilized	2521	6.1	3	Toxic & Liquid flammable		<u>A209</u> A323	I		FORBIDDEN		FORBIDDEN	

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
									10	11	12	13
≠ Methacrylonitrile, stabilized	3079	6.1	3	Toxic & Liquid flammable		A209 A323	I		FORBIDDEN		FORBIDDEN	
≠ Lithium metal batteries (including lithium alloy batteries) †	3090	9		Miscellaneous	US 2 US 3	A88 A99 A154 A164 A183 A201 A206		E0	FORBIDDEN		See 968	
≠ Vehicle, flammable gas powered	3166	9		Miscellaneous		A67 A70 A87 A118 A120 A134 A203 A207		E0	FORBIDDEN		951	No limit
≠ Vehicle, fuel cell, flammable gas powered †	3166	9		Miscellaneous		A67 A70 A87 A118 A120 A134 A176 A203 A207		E0	FORBIDDEN		951	No limit
≠ Adsorbed gas, toxic, corrosive, n.o.s.*	3516	2.3	8	Gas toxic & Corrosive		A2 A329		E0	see 210		see 210	
≠ Engine, fuel cell, flammable gas powered †	3529	2.1		Gas flammable		[A176] [A208]		E0	FORBIDDEN		220	No limit
≠ Engine, internal combustion, flammable gas powered	3529	2.1		Gas flammable		[A176] [A208]		E0	FORBIDDEN		220	No limit
+ Machinery, fuel cell, flammable gas powered	3529	2.1		Gas flammable		[A208]		E0	FORBIDDEN		220	No limit
+ Machinery, internal combustion, flammable gas powered	3529	2.1		Gas flammable		[A208]		E0	FORBIDDEN		220	No limit
+ Polymerizing substance, solid, stabilized, n.o.s.*	3531	4.1		Solid flammable		A209	III	E0	FORBIDDEN		FORBIDDEN	
+ Polymerizing substance, liquid, stabilized, n.o.s.*	3532	4.1		Solid flammable		A209	III	E0	FORBIDDEN		FORBIDDEN	
+ Polymerizing substance, solid, temperature controlled, n.o.s.*	3533	4.1		Solid flammable		A209	III	E0	FORBIDDEN		FORBIDDEN	
+ Polymerizing substance, liquid, temperature controlled, n.o.s.*	3534	4.1		Solid flammable		A209	III	E0	FORBIDDEN		FORBIDDEN	