










Appendix B DOT Class and Pictogram

UN/ DOT Class	Description	Pictogram
2.1.1A	2 = Gas. 1 = Flammable. 1A = High Hazard	
2.1.1B	2 = Gas. 1 = Flammable. 1B = Medium Hazard	
2.1.2A	2 = Gas. 1 = Flammable. 2A = Aerosol	
Class 2.2	2 = Gas. 2 = Non Flammable	
Class 2.3	2 = Gas. 3 = Toxic	
Class 5.1.2A	5.1 = Oxidizing substance. 2A = Gas	
Class 6.1A	6 = Toxic. 1 = Acutely toxic. A. An inhalation LC50 less than or equal to 100 PPM of the substance as gas in air by inhalation route. An oral LD50 less than or equal to 5 milligrams of the substance per kilogram of bodyweight	
Class 6.1B	6 = Toxic. 1 = Acutely toxic. B = LC50 100 – 500 PPM as a gas in air by inhalation route. An oral LD50 greater than 5 milligrams, but less than or equal to 50 milligrams of the substance per kilogram of bodyweight.	
Class 6.1C	6 = Toxic. 1 = Acutely toxic. C = An inhalation LC50 greater than 500 PPM, but less than or equal to 2500 PPM of the substance as gas in air by inhalation route. An oral LD50 greater than 50 milligrams, but less than or equal to 300 milligrams, of the substance per kilogram of bodyweight.	

Note: Gases may exhibit more than one hazard. Primary hazard classification column in the table is severe hazard for a particular gas. Additional hazards if any for a particular gas is listed in the secondary hazard classification column.