

Exhibit 4.5.1

Serious Incidents by Hazardous Material - 1998

Rank	Hazardous Material	Hazard Class	Incidents	Percent of Total Incidents	Rank	Hazardous Material	Hazard Class	Incidents	Percent of Total Incidents
1	Gasoline	Flammable - Combustible Liquid	66	0.4	23	Fuel Aviation Turbine	Flammable - Combustible Liquid	4	<.1
2	Petroleum Gases Liquefied	Flammable Gas	20	0.1	23	Hypochlorite Solution 5-16%	Corrosive Material	4	<.1
3	Diesel Fuel	Flammable - Combustible Liquid	14	<.1	23	Isopropanol	Flammable - Combustible Liquid	4	<.1
4	Sodium Hydroxide Solution	Corrosive Material	13	<.1	23	Oxygen Refrigerated Liquid	Nonflammable Compressed Gas	4	<.1
4	Sulfuric Acid	Corrosive Material	13	<.1	23	Paint or Paint Related	Flammable - Combustible Liquid	4	<.1
4	Fuel Oil (No. 1,2,4,5,6)	Flammable - Combustible Liquid	13	<.1	23	Phosphoric Acid	Corrosive Material	4	<.1
7	Flammable Liquids n.o.s.	Flammable - Combustible Liquid	12	<.1	23	Corrosive Liquid Acidic Inorganic	Corrosive Material	4	<.1
7	Environmentally Hazardous Liquid	Miscellaneous Hazardous Material	12	<.1	30	Ammonium Nitrate - Fuel Oil	Very Insensitive Explosive	3	<.1
9	Hydrochloric Acid Solution	Corrosive Material	11	<.1	30	Carbon Dioxide Refrig Liquid	Nonflammable Compressed Gas	3	<.1
10	Ammonium Nitrate <0.2%	Oxidizer	9	<.1	30	Fuel Oil	Combustible Liquid	3	<.1
11	Ammonia Anhydrous	Nonflammable Compressed Gas	8	<.1	30	Hydrogen Peroxide 20-40%	Oxidizer	3	<.1
11	Corrosive Liquids n.o.s.	Corrosive Material	8	<.1	30	Propane	Flammable Gas	3	<.1
11	Elevated Temp Material Liquid	Miscellaneous Hazardous Material	8	<.1	30	Sodium Hydroxide Solid	Corrosive Material	3	<.1
14	Fuel Oil No. 1,2,4,5,6	Combustible Liquid	7	<.1	30	Triethylamine	Flammable - Combustible Liquid	3	<.1
15	Caustic Alkali Liquid n.o.s.	Corrosive Material	6	<.1	30	Methanol	Flammable - Combustible Liquid	3	<.1
15	Combustible Liquid n.o.s.	Combustible Liquid	6	<.1	30	Explosive Blasting Type E	Very Insensitive Explosive	3	<.1
15	Petroleum Crude Oil	Flammable - Combustible Liquid	6	<.1	30	Sodium Dithionite	Spontaneously Combustible	3	<.1
15	Nitric Acid <70%	Corrosive Material	6	<.1	30	Environmentally Hazardous Solid	Miscellaneous Hazardous Material	3	<.1
15	Nitrogen Refrigerated Liquid	Nonflammable Compressed Gas	6	<.1	30	Toxic Liquid Organic n.o.s.	Poisonous Materials	3	<.1
20	Adhesives	Flammable - Combustible Liquid	5	<.1	42	<i>28 materials tied for this rank</i>	...	2 each	0.4
20	Sulfur Molten	Miscellaneous Hazardous Material	5	<.1	70	<i>86 materials tied for this rank</i>	...	1 each	0.6
20	Corros Liquid Basic Inorganic	Corrosive Material	5	<.1					
TOTAL									2.8

Note: Percentage figures are based on 15,349 incidents reported in 1998 and are rounded to the nearest tenth.

RSPA defines serious incidents as incidents that involve: a fatality or major injury due to a hazardous material; closure of a major transportation artery or facility or evacuation of six or more persons due to the presence of a hazardous material; or a vehicle accident or derailment resulting in the release of a hazardous material.

Since some incidents involve multiple hazardous materials, double counting can occur in the "Incidents" column. Therefore, no total is shown for this column.