

U.S. Department of Transportation
Hazardous Materials Safety
Hazardous Materials Information System
Commodity Summary by Incidents For Calendar Year - 2007

Rank	Commodity Name	Hazard Class	Incidents	%
1	Paint Or Paint Related	Flammable-Combustible Liquid	2,786	14.47
2	Flammable Liquids N.O.S.	Flammable-Combustible Liquid	1,098	5.70
3	Paint Related Material	Flammable-Combustible Liquid	979	5.08
4	Paint	Combustible Liquid	732	3.80
5	Corrosive Liquids N.O.S.	Corrosive Material	666	3.46
6	Fire Extinguishers	Nonflammable Compressed Gas	601	3.12
7	Isopropanol	Flammable-Combustible Liquid	528	2.74
8	Sodium Hydroxide Solution	Corrosive Material	518	2.69
9	Resin Solution	Flammable-Combustible Liquid	502	2.61
10	Corros Liq Basic Inorgani	Corrosive Material	448	2.33
11	Printing Ink Flammable	Flammable-Combustible Liquid	436	2.26
12	Corros Liq Acidic Inorgan	Corrosive Material	382	1.98
13	Hydrochloric Acid Solutn	Corrosive Material	350	1.82
14	Biologic. Substnce Cat B	Infectious Substance(Etiologic)	288	1.50
15	Adhesives	Flammable-Combustible Liquid	264	1.37
16	Potassium Hydroxide Soltn	Corrosive Material	253	1.31
17	Gasoline	Flammable-Combustible Liquid	249	1.29
18	Methanol	Flammable-Combustible Liquid	241	1.25
19	Alcohols N.O.S.	Flammable-Combustible Liquid	226	1.17
20	Sulfuric Acid	Corrosive Material	222	1.15
21	Consumer Commodity	Other Regulated Material, Class D	193	1.00
22	Acetone	Flammable-Combustible Liquid	192	1.00
23	Caustic Alkali Liquid N.O.S.	Corrosive Material	172	0.89
24	Corros Liq Acidic Organic	Corrosive Material	166	0.86
25	Petroleum Distillates N.O.S.	Flammable-Combustible Liquid	145	0.75
26	Aerosols Flammable	Flammable Compressed Gas	143	0.74
27	Fuel Oil (No. 1,2,4,5,6)	Flammable-Combustible Liquid	131	0.68
28	Corros Liq Basic Organic	Corrosive Material	125	0.65
29	Dangerous Goods Apparatus	Miscellaneous Hazardous Material	124	0.64
29	Environmentally Haz Liq	Miscellaneous Hazardous Material	124	0.64
31	Corrosive Liquids Toxic	Corrosive Material	122	0.63
32	Fuel Oil No. 1,2,4,5,6	Combustible Liquid	110	0.57
33	Extracts Flavoring Liquid	Flammable-Combustible Liquid	109	0.57
34	Aerosols Corrosive N.O.S.	Nonflammable Compressed Gas	104	0.54
35	Compound Cleaning Liquid	Corrosive Material	102	0.53
36	Combustible Liquid N.O.S.	Combustible Liquid	101	0.52
36	Acetic Acid Glacial	Corrosive Material	101	0.52
38	Paint Or Paint Related	Corrosive Material	99	0.51
39	Ethanol	Flammable-Combustible Liquid	95	0.49
40	Hypochlorite Solutions	Corrosive Material	94	0.49
41	Diesel Fuel	Flammable-Combustible Liquid	93	0.48
42	Toluene	Flammable-Combustible Liquid	92	0.48
42	Phosphoric Acid	Corrosive Material	92	0.48
44	Xylenes	Flammable-Combustible Liquid	91	0.47
45	Battery Wet Acid	Corrosive Material	90	0.47
46	Hydrogen Perox-Peroxyacet	Oxidizer	87	0.45
47	Aerosols Nonflammable	Nonflammable Compressed Gas	84	0.44
47	Ethanol Solutions	Flammable-Combustible Liquid	84	0.44
47	Hydrogen Peroxide 20-40%	Oxidizer	84	0.44
50	Flammable Liquid Corrosiv	Flammable-Combustible Liquid	78	0.41
Total			19,255	

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Commodity Summary by Fatalities For Calendar Year - 2007

Rank	Commodity Name	Hazard Class	Fatalities	%
1	Gasoline	Flammable-Combustible Liquid	5	50.00
2	Diesel Fuel	Combustible Liquid	1	10.00
2	Liquefied Petroleum Gas	Flammable Compressed Gas	1	10.00
2	Alcohols N.O.S.	Flammable-Combustible Liquid	1	10.00
2	Diesel Fuel	Flammable-Combustible Liquid	1	10.00
2	Ferric Chloride Solution	Corrosive Material	1	10.00
Total			10	

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Commodity Summary by Hospitalized Injuries For Calendar Year - 2007

Rank	Commodity Name	Hazard Class	Injuries	%
1	Corrosive Liquids Toxic	Corrosive Material	8	18.18
2	Sodium Hydroxide Solution	Corrosive Material	6	13.64
3	Liquefied Petroleum Gas	Flammable Compressed Gas	5	11.36
4	Gasoline	Flammable-Combustible Liquid	4	9.09
5	Corros Liq Acidic Inorgan	Corrosive Material	3	6.82
6	Corros Solid Basic Inorga	Corrosive Material	2	4.55
6	Hydrochloric Acid Solutn	Corrosive Material	2	4.55
6	Potassium Hydroxide Soltn	Corrosive Material	2	4.55
6	Sulfuric Acid	Corrosive Material	2	4.55
10	LPG	Flammable Compressed Gas	1	2.27
10	Anhydrous Ammonia	Poisonous Gas	1	2.27
10	Chlorine	Poisonous Gas	1	2.27
10	Alcohols N.O.S.	Flammable-Combustible Liquid	1	2.27
10	Diesel Fuel	Flammable-Combustible Liquid	1	2.27
10	Gas Oil	Flammable-Combustible Liquid	1	2.27
10	Toluene	Flammable-Combustible Liquid	1	2.27
10	Calcium Hypochlorite Mixt	Oxidizer	1	2.27
10	Ferric Chloride Solution	Corrosive Material	1	2.27
10	Sulfuric Acid >51%	Corrosive Material	1	2.27
Total			44	

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Commodity Summary by Non-Hospitalized Injuries For Calendar Year - 2007

Rank	Commodity Name	Hazard Class	Injuries	%
1	Cresols	Poisonous Materials	22	11.76
2	Chlorobenzol	Flammable-Combustible Liquid	16	8.56
3	Ammonia Anhydrous	Nonflammable Compressed Gas	15	8.02
4	Hydrochloric Acid Solutn	Corrosive Material	10	5.35
5	Sodium Hypochlorite 5-16%	Corrosive Material	9	4.81
6	Flammable Liquids N.O.S.	Flammable-Combustible Liquid	8	4.28
7	Anhydrous Ammonia	Poisonous Gas	7	3.74
7	Sodium Hydroxide Solution	Corrosive Material	7	3.74
9	Chlorine	Poisonous Gas	6	3.21
10	Organic Peroxide F Liquid	Organic Peroxide	5	2.67
10	Sulfuric Acid	Corrosive Material	5	2.67
12	Corrosive Liquids N.O.S.	Corrosive Material	4	2.14
13	Liquefied Petroleum Gas	Flammable Compressed Gas	3	1.60
13	Fire Extinguishers	Nonflammable Compressed Gas	3	1.60
13	Sulfur Dioxide Liquefied	Poisonous Gas	3	1.60
13	Gasoline	Flammable-Combustible Liquid	3	1.60
13	Organophosphorus Tox Flam	Poisonous Materials	3	1.60
13	Phenol Molten	Poisonous Materials	3	1.60
13	Lithium Hydroxide Monohyd	Corrosive Material	3	1.60
20	Combustible Liquid N.O.S.	Combustible Liquid	2	1.07
20	Carbon Dioxide	Nonflammable Compressed Gas	2	1.07
20	Hydrogen Peroxide 40-60%	Oxidizer	2	1.07
20	Corros Liq Acidic Inorgan	Corrosive Material	2	1.07
20	Corros Liq Acidic Organic	Corrosive Material	2	1.07
20	Corros Liq Basic Inorgani	Corrosive Material	2	1.07
20	Corrosive Liquids Toxic	Corrosive Material	2	1.07
20	Magnesium Bisulfite Solut	Corrosive Material	2	1.07
20	Potassium Hydroxide Liq	Corrosive Material	2	1.07
20	Potassium Hydroxide Soltn	Corrosive Material	2	1.07
20	Sulfuric Acid >51%	Corrosive Material	2	1.07
31	Trifluoromethane	Nonflammable Compressed Gas	1	0.53
31	Alcohols Toxic N.O.S.	Flammable-Combustible Liquid	1	0.53
31	Flammable Liquid Corrosiv	Flammable-Combustible Liquid	1	0.53
31	Methyl Methacrylate Inhib	Flammable-Combustible Liquid	1	0.53
31	Pentan-2,4-Dione	Flammable-Combustible Liquid	1	0.53
31	Resin Solution	Flammable-Combustible Liquid	1	0.53
31	Styrene Monomer Inhibited	Flammable-Combustible Liquid	1	0.53
31	Toluene	Flammable-Combustible Liquid	1	0.53
31	Organometallic Substance	Spontaneously Combustible	1	0.53
31	Hydrogen Perox-Peroxyacet	Oxidizer	1	0.53
31	Hydrogen Peroxide 20-40%	Oxidizer	1	0.53
31	Sodium Carbonate	Oxidizer	1	0.53
31	Dichloromethane	Poisonous Materials	1	0.53
31	Phenol Solutions	Poisonous Materials	1	0.53
31	Biologic. Substnce Cat B	Infectious Substance(Etiologic)	1	0.53
31	Caustic Potash Solution	Corrosive Material	1	0.53
31	Corros Liq Basic Organic	Corrosive Material	1	0.53
31	Corros Solid Acidic Organ	Corrosive Material	1	0.53
31	Corros Solid Basic Inorga	Corrosive Material	1	0.53
31	Corrosive Solids N.O.S.	Corrosive Material	1	0.53
31	Ethylenediamine	Corrosive Material	1	0.53
31	Formaldehyde Solution	Corrosive Material	1	0.53
31	Hypochlorite Solutions	Corrosive Material	1	0.53
31	Nitric Acid <70%	Corrosive Material	1	0.53
31	Sodium Hydroxide Solid	Corrosive Material	1	0.53
31	Sulfamic Acid	Corrosive Material	1	0.53
31	Sulfuric Acid <51% Acid	Corrosive Material	1	0.53

Source: Hazardous Materials Information System, U.S. Department of Transportation. Data as of 05/28/2010

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Commodity Summary by Non-Hospitalized Injuries For Calendar Year - 2007

Rank	Commodity Name	Hazard Class	Injuries	%
31	Carbon Dioxide Solid	Miscellaneous Hazardous Material	1	0.53
31	Elevated Temp Material Li	Miscellaneous Hazardous Material	1	0.53
31	Lithium Battery	Miscellaneous Hazardous Material	1	0.53
Total			187	

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Commodity Summary by Total Injuries For Calendar Year - 2007

Rank	Commodity Name	Hazard Class	Injuries	%
1	Cresols	Poisonous Materials	22	9.52
2	Chlorobenzol	Flammable-Combustible Liquid	16	6.93
3	Ammonia Anhydrous	Nonflammable Compressed Gas	15	6.49
4	Sodium Hydroxide Solution	Corrosive Material	13	5.63
5	Hydrochloric Acid Solutn	Corrosive Material	12	5.19
6	Corrosive Liquids Toxic	Corrosive Material	10	4.33
7	Sodium Hypochlorite 5-16%	Corrosive Material	9	3.90
8	Liquefied Petroleum Gas	Flammable Compressed Gas	8	3.46
8	Anhydrous Ammonia	Poisonous Gas	8	3.46
8	Flammable Liquids N.O.S.	Flammable-Combustible Liquid	8	3.46
11	Chlorine	Poisonous Gas	7	3.03
11	Gasoline	Flammable-Combustible Liquid	7	3.03
11	Sulfuric Acid	Corrosive Material	7	3.03
14	Organic Peroxide F Liquid	Organic Peroxide	5	2.16
14	Corros Liq Acidic Inorgan	Corrosive Material	5	2.16
16	Corrosive Liquids N.O.S.	Corrosive Material	4	1.73
16	Potassium Hydroxide Soltn	Corrosive Material	4	1.73
18	Fire Extinguishers	Nonflammable Compressed Gas	3	1.30
18	Sulfur Dioxide Liquefied	Poisonous Gas	3	1.30
18	Organophosphorus Tox Flam	Poisonous Materials	3	1.30
18	Phenol Molten	Poisonous Materials	3	1.30
18	Corros Solid Basic Inorga	Corrosive Material	3	1.30
18	Lithium Hydroxide Monohyd	Corrosive Material	3	1.30
18	Sulfuric Acid >51%	Corrosive Material	3	1.30
25	Combustible Liquid N.O.S.	Combustible Liquid	2	0.87
25	Carbon Dioxide	Nonflammable Compressed Gas	2	0.87
25	Toluene	Flammable-Combustible Liquid	2	0.87
25	Hydrogen Peroxide 40-60%	Oxidizer	2	0.87
25	Corros Liq Acidic Organic	Corrosive Material	2	0.87
25	Corros Liq Basic Inorgani	Corrosive Material	2	0.87
25	Magnesium Bisulfite Solut	Corrosive Material	2	0.87
25	Potassium Hydroxide Liq	Corrosive Material	2	0.87
33	LPG	Flammable Compressed Gas	1	0.43
33	Trifluoromethane	Nonflammable Compressed Gas	1	0.43
33	Alcohols N.O.S.	Flammable-Combustible Liquid	1	0.43
33	Alcohols Toxic N.O.S.	Flammable-Combustible Liquid	1	0.43
33	Diesel Fuel	Flammable-Combustible Liquid	1	0.43
33	Flammable Liquid Corrosiv	Flammable-Combustible Liquid	1	0.43
33	Gas Oil	Flammable-Combustible Liquid	1	0.43
33	Methyl Methacrylate Inhib	Flammable-Combustible Liquid	1	0.43
33	Pentan-2,4-Dione	Flammable-Combustible Liquid	1	0.43
33	Resin Solution	Flammable-Combustible Liquid	1	0.43
33	Styrene Monomer Inhibited	Flammable-Combustible Liquid	1	0.43
33	Organometallic Substance	Spontaneously Combustible	1	0.43
33	Calcium Hypochlorite Mixt	Oxidizer	1	0.43
33	Hydrogen Perox-Peroxyacet	Oxidizer	1	0.43
33	Hydrogen Peroxide 20-40%	Oxidizer	1	0.43
33	Sodium Carbonate	Oxidizer	1	0.43
33	Dichloromethane	Poisonous Materials	1	0.43
33	Phenol Solutions	Poisonous Materials	1	0.43
33	Biologic. Substnce Cat B	Infectious Substance(Etiologic)	1	0.43
33	Caustic Potash Solution	Corrosive Material	1	0.43
33	Corros Liq Basic Organic	Corrosive Material	1	0.43
33	Corros Solid Acidic Organ	Corrosive Material	1	0.43
33	Corrosive Solids N.O.S.	Corrosive Material	1	0.43
33	Ethylenediamine	Corrosive Material	1	0.43
33	Ferric Chloride Solution	Corrosive Material	1	0.43

Source: Hazardous Materials Information System, U.S. Department of Transportation. Data as of 05/28/2010

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Commodity Summary by Total Injuries For Calendar Year - 2007

Rank	Commodity Name	Hazard Class	Injuries	%
33	Formaldehyde Solution	Corrosive Material	1	0.43
33	Hypochlorite Solutions	Corrosive Material	1	0.43
33	Nitric Acid <70%	Corrosive Material	1	0.43
33	Sodium Hydroxide Solid	Corrosive Material	1	0.43
33	Sulfamic Acid	Corrosive Material	1	0.43
33	Sulfuric Acid <51% Acid	Corrosive Material	1	0.43
33	Carbon Dioxide Solid	Miscellaneous Hazardous Material	1	0.43
33	Elevated Temp Material Li	Miscellaneous Hazardous Material	1	0.43
33	Lithium Battery	Miscellaneous Hazardous Material	1	0.43
Total			231	

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Commodity Summary by \$ Damages For Calendar Year - 2007

Rank	Commodity Name	Hazard Class	Damages	%
1	Alcohols N.O.S.	Flammable-Combustible Liquid	16,065,665	16.65
2	Gasoline	Flammable-Combustible Liquid	14,420,724	14.95
3	Elevated Temp Material Li	Miscellaneous Hazardous Material	14,174,968	14.69
4	Diesel Fuel	Flammable-Combustible Liquid	5,602,711	5.81
5	Fuel Oil (No. 1,2,4,5,6)	Flammable-Combustible Liquid	3,087,012	3.20
6	Butyl Acetates	Flammable-Combustible Liquid	3,016,700	3.13
7	Gasohol	Flammable-Combustible Liquid	2,419,805	2.51
8	Sodium Hydroxide Solution	Corrosive Material	2,394,689	2.48
9	Hydrochloric Acid Solutn	Corrosive Material	2,293,148	2.38
10	Fuel Oil No. 1,2,4,5,6	Combustible Liquid	2,200,212	2.28
11	Liquefied Petroleum Gas	Flammable Compressed Gas	1,947,362	2.02
12	Petroleum Crude Oil	Flammable-Combustible Liquid	1,540,992	1.60
13	Environmentally Haz Liq	Miscellaneous Hazardous Material	1,517,085	1.57
14	Methyl Ethyl Ketone	Flammable-Combustible Liquid	1,322,833	1.37
15	Butadienes Inhibited	Flammable Compressed Gas	1,267,033	1.31
15	Cyclohexane	Flammable-Combustible Liquid	1,267,033	1.31
15	Maleic Anhydride	Corrosive Material	1,267,033	1.31
18	Gas Oil	Flammable-Combustible Liquid	1,054,230	1.09
19	Combustible Liquid N.O.S.	Combustible Liquid	788,495	0.82
20	Corros Liq Basic Organic	Corrosive Material	745,265	0.77
21	Oxidizing Liquid N.O.S.	Oxidizer	716,780	0.74
22	Corros Liq Acidic Inorgan	Corrosive Material	657,476	0.68
23	Resin Solution	Flammable-Combustible Liquid	587,920	0.61
24	Flammable Liquids N.O.S.	Flammable-Combustible Liquid	566,826	0.59
25	Chlorobenzol	Flammable-Combustible Liquid	560,000	0.58
26	Ammonium Nitrate-Inorgani	Oxidizer	517,289	0.54
27	Ethyl Methyl Ketone	Flammable-Combustible Liquid	500,000	0.52
28	Acetic Acid Glacial	Corrosive Material	472,549	0.49
29	Ammonium Nitrate Fertiliz	Oxidizer	468,500	0.49
30	Ammonium Nitrate <0.2%	Oxidizer	461,350	0.48
31	Paint Or Paint Related	Flammable-Combustible Liquid	461,044	0.48
32	Corros Liq Acidic Organic	Corrosive Material	344,029	0.36
33	Hazardous Waste Liquid	Miscellaneous Hazardous Material	320,728	0.33
34	Petroleum Distillates N.O.S.	Flammable-Combustible Liquid	315,119	0.33
35	Potassium Hydroxide Solutn	Corrosive Material	314,961	0.33
36	Acetone	Flammable-Combustible Liquid	312,920	0.32
37	Phenol Molten	Poisonous Materials	311,500	0.32
38	Corrosive Liquids N.O.S.	Corrosive Material	304,849	0.32
39	Diesel Fuel	Combustible Liquid	299,258	0.31
40	Xylenes	Flammable-Combustible Liquid	298,451	0.31
41	Ferric Chloride Solution	Corrosive Material	283,158	0.29
42	Hypochlorite Solutn 5-16%	Corrosive Material	272,861	0.28
43	Corros Solid Basic Inorga	Corrosive Material	271,718	0.28
44	Methanol	Flammable-Combustible Liquid	250,838	0.26
45	Nitrogen Refrigerated Liq	Nonflammable Compressed Gas	250,700	0.26
46	Diethylenetriamine	Corrosive Material	247,500	0.26
47	Fuel Aviation Turbine	Flammable-Combustible Liquid	238,650	0.25
48	Sodium Hypochlorite >16%	Corrosive Material	235,387	0.24
49	Sulfuric Acid Spent	Corrosive Material	227,502	0.24
50	Hazardous Waste Solid N.O.S.	Miscellaneous Hazardous Material	216,537	0.22
Total			96,482,044	