

U.S. Department of Transportation
Hazardous Materials Safety
Hazardous Materials Information System
Commodity Summary by Incidents For Calendar Year - 2006

Rank	Commodity Name	Hazard Class	Incidents	%
1	Paint Or Paint Related	Flammable-Combustible Liquid	3,419	16.67
2	Flammable Liquids N.O.S.	Flammable-Combustible Liquid	1,179	5.75
3	Diagnostic Specimen	Infectious Substance(Etiologic)	1,062	5.18
4	Isopropanol	Flammable-Combustible Liquid	761	3.71
5	Paint	Combustible Liquid	743	3.62
6	Corrosive Liquids N.O.S.	Corrosive Material	639	3.12
7	Paint Related Material	Flammable-Combustible Liquid	593	2.89
8	Sodium Hydroxide Solution	Corrosive Material	524	2.55
9	Resin Solution	Flammable-Combustible Liquid	497	2.42
10	Corros Liq Basic Inorgani	Corrosive Material	423	2.06
11	Printing Ink Flammable	Flammable-Combustible Liquid	382	1.86
12	Corros Liq Acidic Inorgan	Corrosive Material	353	1.72
13	Adhesives	Flammable-Combustible Liquid	304	1.48
14	Methanol	Flammable-Combustible Liquid	302	1.47
15	Fire Extinguishers	Nonflammable Compressed Gas	300	1.46
15	Hydrochloric Acid Solutn	Corrosive Material	300	1.46
17	Potassium Hydroxide Soltn	Corrosive Material	271	1.32
18	Sulfuric Acid	Corrosive Material	255	1.24
19	Gasoline	Flammable-Combustible Liquid	249	1.21
20	Acetone	Flammable-Combustible Liquid	211	1.03
20	Alcohols N.O.S.	Flammable-Combustible Liquid	211	1.03
22	Consumer Commodity	Other Regulated Material, Class D	208	1.01
23	Corros Liq Acidic Organic	Corrosive Material	204	0.99
24	Aerosols Flammable	Flammable Compressed Gas	189	0.92
25	Caustic Alkali Liquid N.O.S.	Corrosive Material	182	0.89
26	Fuel Oil (No. 1,2,4,5,6)	Flammable-Combustible Liquid	155	0.76
27	Petroleum Distillates N.O.S.	Flammable-Combustible Liquid	147	0.72
28	Corros Liq Basic Organic	Corrosive Material	124	0.60
28	Corrosive Liquids Toxic	Corrosive Material	124	0.60
30	Dangerous Goods Apparatus	Miscellaneous Hazardous Material	121	0.59
31	Environmentally Haz Liq	Miscellaneous Hazardous Material	120	0.59
32	Compound Cleaning Liquid	Corrosive Material	119	0.58
33	Combustible Liquid N.O.S.	Combustible Liquid	116	0.57
34	Hydrogen Perox-Peroxyacet	Oxidizer	110	0.54
35	Acetic Acid Glacial	Corrosive Material	108	0.53
36	Isopropyl Alcohol	Flammable-Combustible Liquid	104	0.51
37	Extracts Flavoring Liquid	Flammable-Combustible Liquid	102	0.50
38	Ethanol Solutions	Flammable-Combustible Liquid	93	0.45
38	Amines Liquid Corros N.O.S.	Corrosive Material	93	0.45
40	Fuel Oil No. 1,2,4,5,6	Combustible Liquid	85	0.41
41	Diesel Fuel	Flammable-Combustible Liquid	82	0.40
42	Battery Wet Acid	Corrosive Material	80	0.39
43	Ethanol	Flammable-Combustible Liquid	76	0.37
43	Toluene	Flammable-Combustible Liquid	76	0.37
43	Phosphoric Acid	Corrosive Material	76	0.37
46	Hydrogen Peroxide 20-40%	Oxidizer	75	0.37
47	Flammable Liquid Corrosiv	Flammable-Combustible Liquid	73	0.36
48	Aerosols Nonflammable	Nonflammable Compressed Gas	70	0.34
48	Methyl Ethyl Ketone	Flammable-Combustible Liquid	70	0.34
50	Sulfuric Acid <51% Acid	Corrosive Material	69	0.34
Total			20,510	

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Commodity Summary by Fatalities For Calendar Year - 2006

Rank	Commodity Name	Hazard Class	Fatalities	%
1	Gasoline	Flammable-Combustible Liquid	6	75.00
2	Diesel Fuel	Flammable-Combustible Liquid	2	25.00
Total			8	

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Commodity Summary by Hospitalized Injuries For Calendar Year - 2006

Rank	Commodity Name	Hazard Class	Injuries	%
1	Gasoline	Flammable-Combustible Liquid	5	16.13
2	Chlorine	Poisonous Gas	3	9.68
3	Petroleum Gases Liquefied	Flammable Compressed Gas	2	6.45
3	Diesel Fuel	Flammable-Combustible Liquid	2	6.45
3	Petroleum Distillates N.O.S.	Flammable-Combustible Liquid	2	6.45
3	Amines Liq Corros Flam	Corrosive Material	2	6.45
3	Hydrochloric Acid Solutn	Corrosive Material	2	6.45
3	Sodium Hydroxide Solution	Corrosive Material	2	6.45
9	Liquefied Petroleum Gas	Flammable Compressed Gas	1	3.23
9	Ammonia Anhydrous	Nonflammable Compressed Gas	1	3.23
9	Anhydrous Ammonia	Poisonous Gas	1	3.23
9	Methyl Methacrylate Inhib	Flammable-Combustible Liquid	1	3.23
9	Ammonium Nitrate Fertiliz	Oxidizer	1	3.23
9	Organic Peroxide F Liquid	Organic Peroxide	1	3.23
9	Toxic Liquid Flam Organic	Poisonous Materials	1	3.23
9	Toxic Liquid Organic N.O.S.	Poisonous Materials	1	3.23
9	Amines Liquid Corros N.O.S.	Corrosive Material	1	3.23
9	Corros Liq Basic Organic	Corrosive Material	1	3.23
9	Sulfuric Acid	Corrosive Material	1	3.23
Total			31	

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Commodity Summary by Non-Hospitalized Injuries For Calendar Year - 2006

Rank	Commodity Name	Hazard Class	Injuries	%
1	Corrosive Liquids Toxic	Corrosive Material	50	24.63
2	Anhydrous Ammonia	Poisonous Gas	19	9.36
3	Environmentally Haz Liq	Miscellaneous Hazardous Material	16	7.88
4	Corros Liq Acidic Inorgan	Corrosive Material	8	3.94
5	Sodium Hydroxide Solution	Corrosive Material	6	2.96
6	Maleic Anhydride	Corrosive Material	5	2.46
6	Sulfuric Acid	Corrosive Material	5	2.46
8	Paint	Combustible Liquid	4	1.97
8	Liquefied Petroleum Gas	Flammable Compressed Gas	4	1.97
8	Silicon Tetrafluoride	Poisonous Gas	4	1.97
8	Acetic Acid Glacial	Corrosive Material	4	1.97
8	Corros Liq Basic Inorgani	Corrosive Material	4	1.97
13	Pyridine	Flammable-Combustible Liquid	3	1.48
13	Hydrazine Aqueous Solutio	Corrosive Material	3	1.48
13	Hydrochloric Acid Solutn	Corrosive Material	3	1.48
13	Phosphoric Acid	Corrosive Material	3	1.48
13	Sulfuric Acid >51%	Corrosive Material	3	1.48
18	N,N-Dimethylformamide	Flammable-Combustible Liquid	2	0.99
18	Paint Or Paint Related	Flammable-Combustible Liquid	2	0.99
18	Printing Ink Flammable	Flammable-Combustible Liquid	2	0.99
18	Hydrogen Perox-Peroxyacet	Oxidizer	2	0.99
18	N,N-Dimethylaniline	Poisonous Materials	2	0.99
18	Toxic Liquids Cor Organic	Poisonous Materials	2	0.99
18	Trichloroethylene	Poisonous Materials	2	0.99
18	Amines Liq Corros Flam	Corrosive Material	2	0.99
18	Hydrochloric Acid Mixture	Corrosive Material	2	0.99
18	Potassium Hydroxide Soltn	Corrosive Material	2	0.99
18	Sodium Hydroxide Solid	Corrosive Material	2	0.99
18	Sulfur Molten	Miscellaneous Hazardous Material	2	0.99
30	Combustible Liquid N.O.S.	Combustible Liquid	1	0.49
30	Ammonia Anhydrous	Nonflammable Compressed Gas	1	0.49
30	Chlorine	Poisonous Gas	1	0.49
30	Ethylene Oxide	Poisonous Gas	1	0.49
30	Hydrogen Sulfide	Poisonous Gas	1	0.49
30	Amines Flam Corros N.O.S	Flammable-Combustible Liquid	1	0.49
30	Ethyl Acrylate Inhibited	Flammable-Combustible Liquid	1	0.49
30	Flammable Liquid Corrosiv	Flammable-Combustible Liquid	1	0.49
30	Flammable Liquids N.O.S.	Flammable-Combustible Liquid	1	0.49
30	Gas Oil	Flammable-Combustible Liquid	1	0.49
30	Gasoline	Flammable-Combustible Liquid	1	0.49
30	Nitrocellulose Solution	Flammable-Combustible Liquid	1	0.49
30	Turpentine	Flammable-Combustible Liquid	1	0.49
30	Sulfur Molten	Flammable Solid	1	0.49
30	Iron Oxide Spent	Spontaneously Combustible	1	0.49
30	Hydrogen Peroxide 40-60%	Oxidizer	1	0.49
30	Nitrites Inorganic Aqueou	Oxidizer	1	0.49
30	Isophorone Diisocyanate	Poisonous Materials	1	0.49
30	Toxic Liquid Organic N.O.S.	Poisonous Materials	1	0.49
30	Toxic Solids Organic	Poisonous Materials	1	0.49
30	Amines Liquid Corros N.O.S.	Corrosive Material	1	0.49
30	Ammonium Hydroxide	Corrosive Material	1	0.49
30	Caustic Alkali Liquid N.O.S.	Corrosive Material	1	0.49
30	Compound Cleaning Liquid	Corrosive Material	1	0.49
30	Corrosive Liq Flam N.O.S.	Corrosive Material	1	0.49
30	Cyanuric Chloride	Corrosive Material	1	0.49
30	Hydrochloric Acid Inhibit	Corrosive Material	1	0.49
30	Hypochlorite Solutions	Corrosive Material	1	0.49

Source: Hazardous Materials Information System, U.S. Department of Transportation. Data as of 10/01/2008

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Commodity Summary by Non-Hospitalized Injuries For Calendar Year - 2006

Rank	Commodity Name	Hazard Class	Injuries	%
30	Nitric Acid <70%	Corrosive Material	1	0.49
30	Nitric Acid >70%	Corrosive Material	1	0.49
30	Sodium Hydrosulfide Soltn	Corrosive Material	1	0.49
30	Sulfuric Acid <51% Acid	Corrosive Material	1	0.49
30	Sulfuric Acid Spent	Corrosive Material	1	0.49
30	Elevated Temp Material Li	Miscellaneous Hazardous Material	1	0.49
30	Other Regulated Sub Liq	Miscellaneous Hazardous Material	1	0.49
Total			203	

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Commodity Summary by Total Injuries For Calendar Year - 2006

Rank	Commodity Name	Hazard Class	Injuries	%
1	Corrosive Liquids Toxic	Corrosive Material	50	21.37
2	Anhydrous Ammonia	Poisonous Gas	20	8.55
3	Environmentally Haz Liq	Miscellaneous Hazardous Material	16	6.84
4	Corros Liq Acidic Inorgan	Corrosive Material	8	3.42
4	Sodium Hydroxide Solution	Corrosive Material	8	3.42
6	Gasoline	Flammable-Combustible Liquid	6	2.56
6	Sulfuric Acid	Corrosive Material	6	2.56
8	Liquefied Petroleum Gas	Flammable Compressed Gas	5	2.14
8	Hydrochloric Acid Solutn	Corrosive Material	5	2.14
8	Maleic Anhydride	Corrosive Material	5	2.14
11	Paint	Combustible Liquid	4	1.71
11	Chlorine	Poisonous Gas	4	1.71
11	Silicon Tetrafluoride	Poisonous Gas	4	1.71
11	Acetic Acid Glacial	Corrosive Material	4	1.71
11	Amines Liq Corros Flam	Corrosive Material	4	1.71
11	Corros Liq Basic Inorgani	Corrosive Material	4	1.71
17	Pyridine	Flammable-Combustible Liquid	3	1.28
17	Hydrazine Aqueous Solutio	Corrosive Material	3	1.28
17	Phosphoric Acid	Corrosive Material	3	1.28
17	Sulfuric Acid >51%	Corrosive Material	3	1.28
21	Petroleum Gases Liquefied	Flammable Compressed Gas	2	0.85
21	Ammonia Anhydrous	Nonflammable Compressed Gas	2	0.85
21	Diesel Fuel	Flammable-Combustible Liquid	2	0.85
21	N,N-Dimethylformamide	Flammable-Combustible Liquid	2	0.85
21	Paint Or Paint Related	Flammable-Combustible Liquid	2	0.85
21	Petroleum Distillates N.O.S.	Flammable-Combustible Liquid	2	0.85
21	Printing Ink Flammable	Flammable-Combustible Liquid	2	0.85
21	Hydrogen Perox-Peroxyacet	Oxidizer	2	0.85
21	N,N-Dimethylaniline	Poisonous Materials	2	0.85
21	Toxic Liquid Organic N.O.S.	Poisonous Materials	2	0.85
21	Toxic Liquids Cor Organic	Poisonous Materials	2	0.85
21	Trichloroethylene	Poisonous Materials	2	0.85
21	Amines Liquid Corros N.O.S.	Corrosive Material	2	0.85
21	Hydrochloric Acid Mixture	Corrosive Material	2	0.85
21	Potassium Hydroxide Soltn	Corrosive Material	2	0.85
21	Sodium Hydroxide Solid	Corrosive Material	2	0.85
21	Sulfur Molten	Miscellaneous Hazardous Material	2	0.85
38	Combustible Liquid N.O.S.	Combustible Liquid	1	0.43
38	Ethylene Oxide	Poisonous Gas	1	0.43
38	Hydrogen Sulfide	Poisonous Gas	1	0.43
38	Amines Flam Corros N.O.S	Flammable-Combustible Liquid	1	0.43
38	Ethyl Acrylate Inhibited	Flammable-Combustible Liquid	1	0.43
38	Flammable Liquid Corrosiv	Flammable-Combustible Liquid	1	0.43
38	Flammable Liquids N.O.S.	Flammable-Combustible Liquid	1	0.43
38	Gas Oil	Flammable-Combustible Liquid	1	0.43
38	Methyl Methacrylate Inhib	Flammable-Combustible Liquid	1	0.43
38	Nitrocellulose Solution	Flammable-Combustible Liquid	1	0.43
38	Turpentine	Flammable-Combustible Liquid	1	0.43
38	Sulfur Molten	Flammable Solid	1	0.43
38	Iron Oxide Spent	Spontaneously Combustible	1	0.43
38	Ammonium Nitrate Fertiliz	Oxidizer	1	0.43
38	Hydrogen Peroxide 40-60%	Oxidizer	1	0.43
38	Nitrites Inorganic Aqueou	Oxidizer	1	0.43
38	Organic Peroxide F Liquid	Organic Peroxide	1	0.43
38	Isophorone Diisocyanate	Poisonous Materials	1	0.43
38	Toxic Liquid Flam Organic	Poisonous Materials	1	0.43
38	Toxic Solids Organic	Poisonous Materials	1	0.43

Source: Hazardous Materials Information System, U.S. Department of Transportation. Data as of 10/01/2008

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Commodity Summary by Total Injuries For Calendar Year - 2006

Rank	Commodity Name	Hazard Class	Injuries	%
38	Ammonium Hydroxide	Corrosive Material	1	0.43
38	Caustic Alkali Liquid N.O.S.	Corrosive Material	1	0.43
38	Compound Cleaning Liquid	Corrosive Material	1	0.43
38	Corros Liq Basic Organic	Corrosive Material	1	0.43
38	Corrosive Liq Flam N.O.S.	Corrosive Material	1	0.43
38	Cyanuric Chloride	Corrosive Material	1	0.43
38	Hydrochloric Acid Inhibit	Corrosive Material	1	0.43
38	Hypochlorite Solutions	Corrosive Material	1	0.43
38	Nitric Acid <70%	Corrosive Material	1	0.43
38	Nitric Acid >70%	Corrosive Material	1	0.43
38	Sodium Hydrosulfide Soltn	Corrosive Material	1	0.43
38	Sulfuric Acid <51% Acid	Corrosive Material	1	0.43
38	Sulfuric Acid Spent	Corrosive Material	1	0.43
38	Elevated Temp Material Li	Miscellaneous Hazardous Material	1	0.43
38	Other Regulated Sub Liq	Miscellaneous Hazardous Material	1	0.43
Total			234	

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Commodity Summary by \$ Damages For Calendar Year - 2006

Rank	Commodity Name	Hazard Class	Damages	%
1	Gasoline	Flammable-Combustible Liquid	15,759,001	21.09
2	Formic Acid	Corrosive Material	13,313,720	17.82
3	Diesel Fuel	Flammable-Combustible Liquid	4,686,085	6.27
4	Alcohols N.O.S.	Flammable-Combustible Liquid	4,184,068	5.60
5	Fuel Oil No. 1,2,4,5,6	Combustible Liquid	2,204,717	2.95
6	Flammable Liquids N.O.S.	Flammable-Combustible Liquid	2,088,214	2.80
7	Fuel Oil (No. 1,2,4,5,6)	Flammable-Combustible Liquid	2,006,372	2.69
8	Ammonium Nitrate <0.2%	Oxidizer	1,789,165	2.39
9	Petroleum Crude Oil	Flammable-Combustible Liquid	1,761,735	2.36
10	Phosphoric Acid	Corrosive Material	1,429,326	1.91
11	Marine Pollutants Liq/Sol	Miscellaneous Hazardous Material	1,200,771	1.61
12	Hydrogen Peroxide Aqueous	Oxidizer	1,161,200	1.55
13	Liquefied Petroleum Gas	Flammable Compressed Gas	1,155,396	1.55
14	Elevated Temp Material Li	Miscellaneous Hazardous Material	896,683	1.20
15	Hydrogen Chloride Anhydr	Poisonous Gas	854,800	1.14
16	Paint Or Paint Related	Flammable-Combustible Liquid	795,732	1.07
17	Sodium Hydroxide Solution	Corrosive Material	713,646	0.96
18	Sodium Chlorate	Oxidizer	680,648	0.91
19	Combustible Liquid N.O.S.	Combustible Liquid	669,834	0.90
20	Nitrogen Refrigerated Liq	Nonflammable Compressed Gas	607,400	0.81
21	Mercury	Corrosive Material	578,963	0.77
22	Environmentally Haz Liq	Miscellaneous Hazardous Material	516,993	0.69
23	Organic Peroxide E Liquid	Organic Peroxide	458,726	0.61
24	Ethanolamine	Corrosive Material	422,150	0.57
25	Polymeric Beads Expandabl	Miscellaneous Hazardous Material	413,062	0.55
26	Elevated Temp Liq Flamm	Flammable-Combustible Liquid	381,360	0.51
27	Gasohol	Flammable-Combustible Liquid	371,719	0.50
28	Petroleum Gases Liquefied	Flammable Compressed Gas	364,629	0.49
29	Corrosive Liquids N.O.S.	Corrosive Material	359,330	0.48
30	Resin Solution	Flammable-Combustible Liquid	352,998	0.47
31	Diesel Fuel	Combustible Liquid	344,576	0.46
32	Hydrochloric Acid Solutn	Corrosive Material	342,184	0.46
33	Sulfuric Acid >51%	Corrosive Material	338,907	0.45
34	Sulfuric Acid	Corrosive Material	320,922	0.43
35	Sodium Cyanide	Poisonous Materials	320,649	0.43
36	Xylenes	Flammable-Combustible Liquid	302,987	0.41
37	Petroleum Distillates N.O.S.	Flammable-Combustible Liquid	287,222	0.38
38	Methane Refrigerated Liq	Flammable Compressed Gas	278,100	0.37
39	Methanol	Flammable-Combustible Liquid	261,110	0.35
40	Cigar/Cigarette Lighter	Flammable Compressed Gas	255,100	0.34
41	Jet Fuel	Flammable-Combustible Liquid	229,900	0.31
42	Corros Liq Acidic Inorgan	Corrosive Material	226,117	0.30
43	Sodium Hypochlorite 5-16%	Corrosive Material	223,766	0.30
44	Corros Liq Basic Inorgani	Corrosive Material	223,314	0.30
45	Self-Reactive Solid Typ C	Flammable Solid	218,135	0.29
45	Organic Perox C Solid Tc	Organic Peroxide	218,135	0.29
45	Organic Peroxide C Liq Tc	Organic Peroxide	218,135	0.29
45	Organic Peroxide D Liq Tc	Organic Peroxide	218,135	0.29
45	Organic Peroxide E Liq Tc	Organic Peroxide	218,135	0.29
50	Bisulfites Inorganic N.O.S.	Corrosive Material	211,050	0.28
Total			74,708,579	