TABLE 5.2.13.1–1.—*Types of Hazardous Chemicals in Use at the Livermore Site Under the No Action Alternative*

Chemical	Chemical Abstract Number	Existing Conditions Maximum/Average Quantity	No Action Average Maximum/Average Quantity
Paints/Solvents			
Paint (variety)	NA	700,000/320,296 lb	700,000/330,000 lb
Thinner, lacquer	NA	3,000/500 gal	3,000/515 gal
Methylene chloride	75-09-2	2,000/55 gal	2,000/58 gal
Methyl alcohol	67-56-1	1,800/500 gal	1,800/515 gal
Acetone	67-64-1	1,200/740 gal	1,200/760 gal
Metals			
Lead bricks or ingots	NA	1,000,000 lb	1,000,000 lb
Tantalum	7440-25-7	75,000/20,000 lb	75,000/20,600 lb
Cobalt	7440-48-4	16,500/14,000 lb	16,500 lb
Aluminum	7429-90-5	5,000/800 lb	5,000/824 lb
Chrome or chromium	7440-47-3	4,700/1,500 lb	4,700/1,545 lb
Acids/Bases/Oxidizers			
Oxygen, compressed	7782-44-7	870,000/75,000 ft^3	870,000 ft^3
Hydrogen peroxide<52%	7722-84-1	42,000/18,000 gal	42,000 gal
Ammonium hydroxide	1336-21-6	30,000/1,600 lb	30,000/1,650 lb
Sodium hydroxide	1310-73-2	25,500/14,000 lb	25,500 lb
Potassium hydroxide	1310-58-3	15,000/400 lb	15,000/410 lb
Sulfuric acid	7664-93-9	11,000/4,500 lb	11,000 lb
Nitric acid	7697-37-2	7,810/5,000 lb	7,810/5,150 lb
Phosphoric acid	7664-38-2	3,600/1,000 lb	3,600/1,030 lb
Cyanuric acid	108-80-5	2,500/500 lb	2,500/515 lb
Hydrofluoric acid	7664-39-3	1,500/850 lb	1,500 lb
Industrial Gases			
Argon, compressed	7440-37-1	25,000,000/160,000 ft^3	25,000,000/164,800 ft^3
Helium	7440-59-7	5,000,000/300,000 ft^3	5,000,000/310,000 ft^3
Hydrogen, compressed	1333-74-0	1,500,000/50,000 ft^3	1,500,000/52,000 ft^3
Nitrogen, compressed (Liquified, gaseous)	7727-37-9	500,000/130,000 ft^3	500,000/133,000 ft^3
Carbon dioxide	124-38-9	176,000/124,000 ft^3	176,000/128,000 ft^3
Refrigerants			
Freon 113 (1,1,2-Trichloro-1,2,2-trifluoroethane)	76-13-1	170,000/16,000 lb	170,000/16,500 lb
Refrigerant, 123 SUVA, (2,2-Dichloro-1,1,1-trifluoroethane)	306-83-2	35,000/1,500 lb	35,000/1,550 lb
Freon 22 (Chlorodifluoromethane)	75-45-6	9,000/5,000 lb	9,000/5,150 lb
Freon 11 (Trichlorofluoromethane)	75-69-4	10,000/5,000 lb	10,000/5,150 lb
Freon 12 (Dichlorodifluoromethane)	75-71-8	6,300/4,000 lb	6,300/4,120 lb
Freon 14 (Tetrafluoromethane)	75-73-0	2,000/500 ft^3	2,000/515 ft^3

Sources: NNSA 2002c, TtNUS 2003.
Note: Additional chemicals are listed in Appendix B. Numbers are rounded.
ft^3 = cubic feet; lb = pounds; gal = gallons; NA = not available.