



## EPEAT NSF/ANSI 426-2017 Public Disclosure of Supply Chain Toxics 2022

The information below shows supply chain toxics disclosed under the United Nations (UN) Pollutant Release and Transfer Register (PRTR) and Institute of Public & Environmental Affairs (IPE). The calculation and protocols used were the UN PRTR and IPE. For more details, refer to <https://www.unece.org/env/pp/prtr/docs/prtrtext.html> and <http://www.ipe.org.cn/about/about.aspx>. The tables below contain PRTR data from some of Dell's key suppliers of CPUs, Storage, and PCBs for our server products.

**Table 1: CPU<sup>1</sup> (kg/yr)**

CAS no.	Chemical Name	Amount Released
7664-41-7	Ammonia Nitrogen	0.00
-	Anionic Surfactants	0.00
71-43-2	Benzene	0.00
111-78-4	Cod (Chemical Oxygen Demand)	0.00
7440-50-8	Copper and compounds	1188931.90
-	Cyanide	0.00
-	Fluoride	43177.37
50-00-0	Formaldehyde	0.00
-	Hydro-fluorocarbons (HFCs)	472.00
7647-01-0	Hydrogen Chloride	0.00
7664-93-9	Hydrogen Sulfides	0.00
7440-02-0	Nickel and compounds	0.00
-	Nitrogen Oxides	0.00
-	Particulates	0.00
-	Petro	0.00
9/5/7446	Sulfur dioxide	0.00
-	Sulfur Oxides	0.00

7664-93-9	Sulfuric acid (fog)	0.00
-	Suspended Matter	0.00
108-88-3	Toluene	0.00
7440-50-8	Total Copper	0.00
7440-02-0	Total Nickel	0.00
-	Total Nitrogen	227427.85
-	Total non-methane hydrocarbons	0.00
-	Total Phosphorus	0.00
-	TVOC	0.00
1330-20-7	Xylene	0.00

**Table 2: Storage<sup>2</sup> (kg/yr)**

<b>CAS no.</b>	<b>Chemical Name</b>	<b>Amount Released</b>
7664-41-7	Ammonia Nitrogen	0.00
-	Anionic Surfactants	0.00
71-43-2	Benzene	0.00
111-78-4	Cod (Chemical Oxygen Demand)	0.00
7440-50-8	Copper and compounds	5155.00
-	Cyanide	0.00
-	Fluoride	45576.20
50-00-0	Formaldehyde	0.00
-	Hydro-fluorocarbons (HFCs)	0.00
7647-01-0	Hydrogen Chloride	0.00
7664-93-9	Hydrogen Sulfides	0.00
7440-02-0	Nickel and compounds	0.00
-	Nitrogen Oxides	115849.00
-	Particulates	0.00

<sup>1</sup> Table 1 (CPU = Central Processing Unit) represents facilities that released pollutants above the threshold amounts according to the UN Protocol on PRTR. This table includes data from one of Dell's top CPU suppliers.

-	Petro	0.00
2025884	Sulfur dioxide	0.00
-	Sulfur Oxides	0.00
7664-93-9	Sulfuric acid (fog)	0.00
-	Suspended Matter	0.00
108-88-3	Toluene	0.00
7440-50-8	Total Copper	0.00
7440-02-0	Total Nickel	0.00
-	Total Nitrogen	10020949677.00
-	Total non-methane hydrocarbons	0.00
-	Total Phosphorus	4317182.00
-	TVOC	0.00
1330-20-7	Xylene	0.00

**Table 3: PCB<sup>3</sup> (kg/yr)**

CAS no.	Chemical Name	Amount Released
7664-41-7	Ammonia Nitrogen	3221.87
-	Anionic Surfactants	0.00
71-43-2	Benzene	0.00
111-78-4	Cod (Chemical Oxygen Demand)	688207.03
7440-50-8	Copper and compounds	0.00
-	Cyanide	83.69
-	Fluoride	0.00
50-00-0	Formaldehyde	142.98
-	Hydro-fluorocarbons (HFCs)	0.00
7647-01-0	Hydrogen Chloride	18952.07
7664-93-9	Hydrogen Sulfides	7495.22

<sup>2</sup> Table 2 (Storage) represents facilities that released pollutants above the threshold amounts according to the UN Protocol on PRTR. This table includes data from three of Dell's top Storage suppliers. One of the three suppliers in scope for this component group report no toxic emissions subject to the requirement.

7440-02-0	Nickel and compounds	0.00
-	Nitrogen Oxides	12599.54
-	Particulates	1387.33
-	Petro	0.00
9/5/7446	Sulfur dioxide	168.00
-	Sulfur Oxides	0.00
7664-93-9	Sulfuric acid (fog)	18188.41
-	Suspended Matter	150804.49
108-88-3	Toluene	0.00
7440-50-8	Total Copper	1689.48
7440-02-0	Total Nickel	3.17
-	Total Nitrogen	141941.14
	Total non-methane hydrocarbons	0.00
-	Total Phosphorus	3875.84
-	TVOC	22.52
1330-20-7	Xylene	0.00

Last revision date: 28 March 2024

<sup>3</sup> Table 3 (PCB = Printed Circuit Board) represents facilities that reported to IPE. Because IPE does not have thresholds, pollutants which were reported to IPE are shown in full. This table includes data from three of Dell's top PCB suppliers.