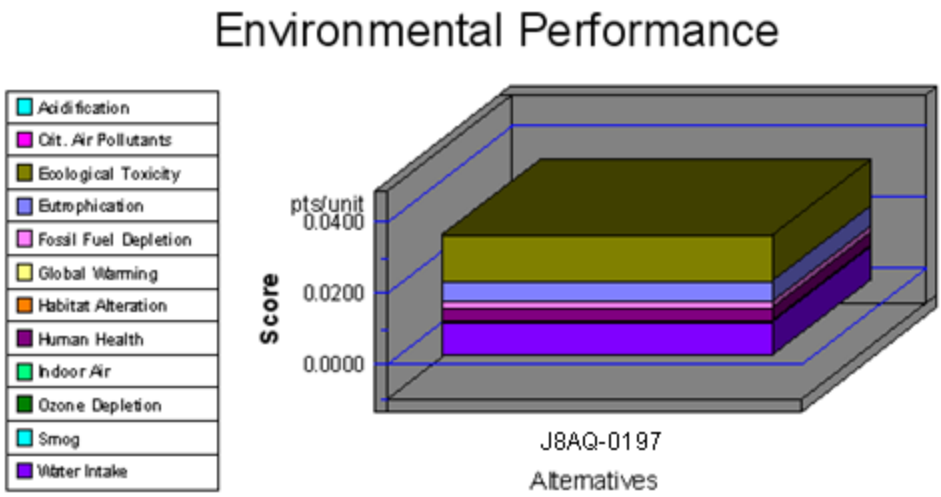
BEES Results: Deodorant Products **Units: 1 pound**

BioPreferred ID#: J8AQ-0197



Note: Lower values are better

Category	J8AQ-0197
Acidification--3%	0.0000
Crit. Air Pollutants--9%	0.0002
Ecolog. Toxicity--7%	0.0130
Eutrophication--6%	0.0056
Fossil Fuel Depl.--10%	0.0018
Global Warming--29%	-0.0001
Habitat Alteration--6%	0.0000
Human Health--13%	0.0035
Indoor Air--3%	0.0000
Ozone Depletion--2%	0.0000
Smog--4%	0.0007
Water Intake--8%	0.0093
Sum	0.0340

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Deodorants		
Impacts	Units	J8AQ-0197
Acidification	millimoles H^+ equivalents	1.62E+03
Criteria Air Polutants	microDALYs	3.85E-01
Ecotoxicity	g 2,4-D equivalents	1.51E+02
Eutrophication	g N equivalents	1.81E+01
Fossil Fuel Depletion	MJ surplus energy	6.25E+00
Global Warming	g CO_2 equivalents	-1.32E+02
Habitat Alteration	T&E count	0.00E+00
Human Health--Cancer	g C_6H_6 equivalents	2.17E+00
Human Health--NonCancer	g C_7H_8 equivalents	5.50E+03
Indoor Air Quality	g TVOCs	0.00E+00
Ozone Depletion	g CFC-11 equivalents	3.94E-05
Smog	g NO_x equivalents	2.53E+01
Water Intake	liters of water	6.13E+02
Functional Unit	----------	1 pound

1 Following are more complete descriptions of units: Acidification: millimoles of hydrogen ion equivalents; Criteria Air Pollutants: micro Disability-Adjusted Life Years; Ecological Toxicity: grams of 2,4-dichlorophenoxy-acetic acid equivalents; Eutrophication: grams of nitrogen equivalents; Fossil Fuel Depletion: megajoules of surplus energy; Global Warming: grams of carbon dioxide equivalents; Habitat Alteration: threatened and endangered species count;Human Health-Cancer: grams of benzene equivalents; Human Health-NonCancer: grams of toluene equivalents; Indoor Air Quality: grams of Total Volatile Organic Compounds; Ozone Depletion: grams of chloroflourocarbon-11 equivalents; Smog: grams of nitrogen oxide equivalents; and Water Intake: liters of water.

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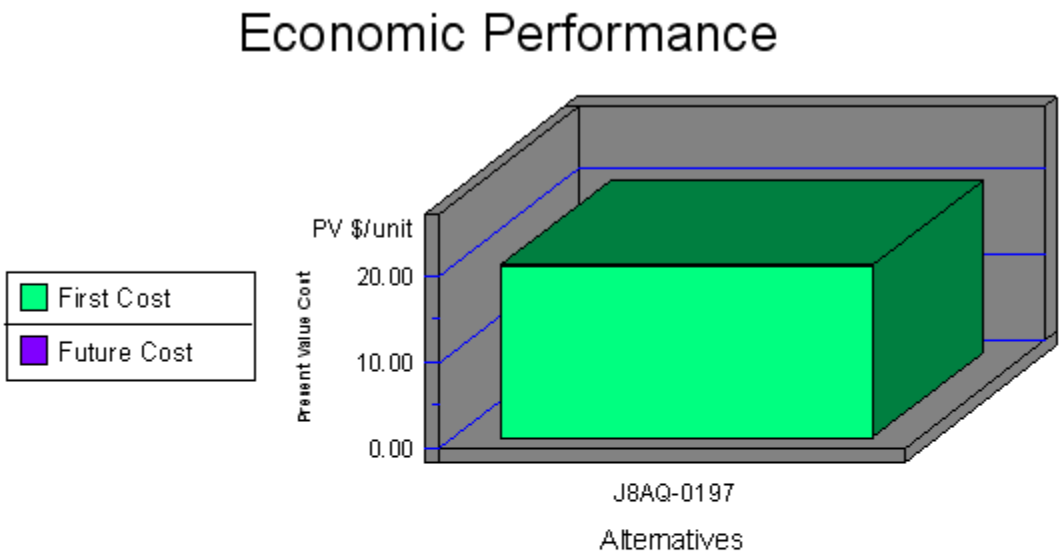
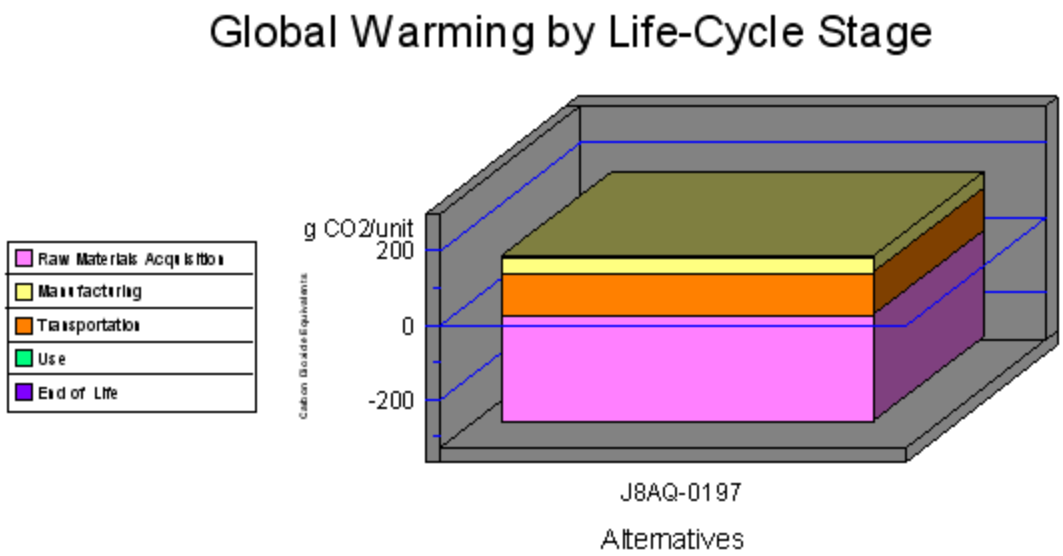


Category	J8AQ-0197
First Cost	20.03
Future Cost– 3.0%	0.00
Sum	20.03

*This is a consumable product. Therefore, future costs are not calculated.

BEES Results: Deodorant Products **Units: 1 pound**

BioPreferred ID#: J8AQ-0197

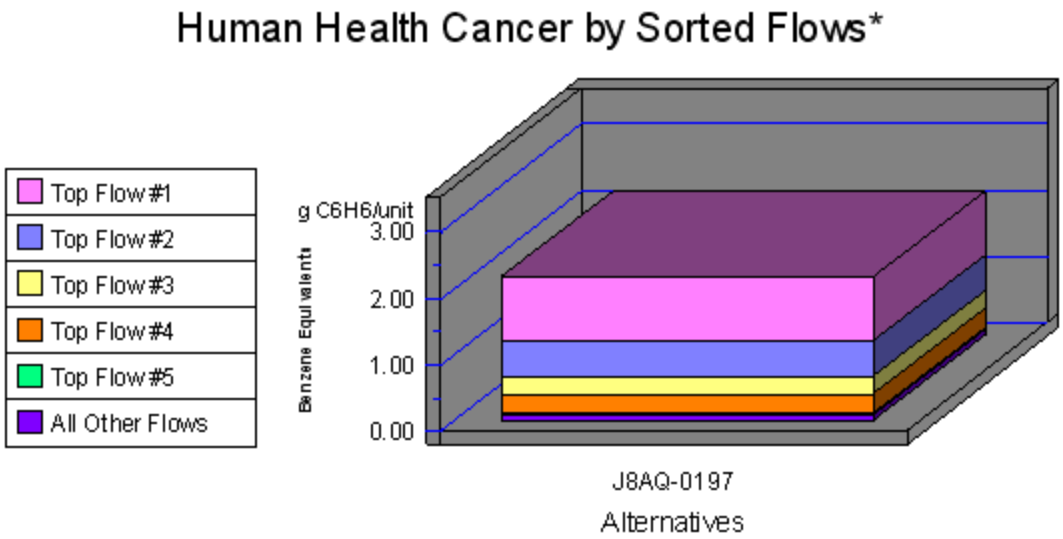


Note: Lower values are better

Category	J8AQ-0197
1. Raw Materials	-289
2. Manufacturing	45
3. Transportation	112
4. Use	0
5. End of Life	0
Sum	-132

BEES Results: Deodorant Products **Units: 1 pound**

BioPreferred ID#: J8AQ-0197



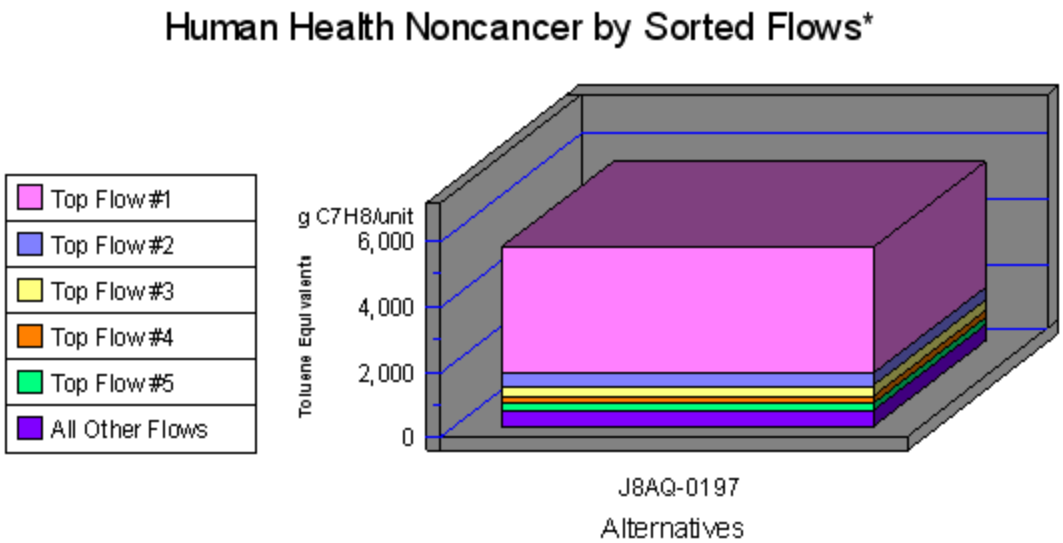
Note: Lower values are better

Category	J8AQ-0197
Cancer--(w) Arsenic (As3+,	0.95
Cancer--(w) Phenol (C6H5OH)	0.53
Cancer--(a) Arsenic (As)	0.28
Cancer--(a) Dioxins (unspecifie	0.28
Cancer--(a) Bromoxynil	0.04
All Others	0.08
Sum	2.17

*Sorted by five topmost flows for worst-scoring product

BEES Results: Deodorant Products **Units: 1 pound**

BioPreferred ID#: J8AQ-0197



Note: Lower values are better

Category	J8AQ-0197
Noncancer–(a) Mercury (Hg)	3,874.72
Noncancer--(a) Dioxins (unspeci	350.71
Noncancer--(a) Lead (Pb)	347.07
Noncancer–(w) Mercury (Hg+,	206.62
Noncancer--(w) Barium (Ba++)	187.76
All Others	537.01
Sum	5,503.89

*Sorted by five topmost flows for worst-scoring product