

{SimaPro 6.0}
 {}
 {Date: 13/12/2005}
 {Time: 15:29:15}
 {Project: ECOBOAT}

Title: **Analyzing 1 p assembly 'Diesel Engine'**
 Method: Eco-indicator 99 (E) V2.1 / Europe EI 99 E/E
 Value: Normalization
 Per impact category Yes
 Skip unused: Never
 Relative mode: Non

Impact category	Unit	Total	Steel ETH S	Cast iron ETH S	Copper ETH S	PC ETH S	Glass (virgin)	kyd varnish ETH	Truck 28t ETH S
Carcinogens		0.00108	0.000824	0.000184	6.59E-05	8.64E-06	8.26E-07	-4.94E-20	9.39E-07
Respiratory organics		0.000266	4.30E-06	2.01E-06	3.91E-07	1.27E-06	1.64E-07	0.000258	7.37E-08
Respiratory inorganics		0.00307	0.00161	0.0008	0.000437	0.000159	4.11E-05	-1.14E-19	1.60E-05
Climate change		0.00144	0.001	0.000291	5.94E-05	7.51E-05	1.32E-05	-5.90E-20	2.91E-06
Radiation		3.78E-05	2.83E-05	4.34E-06	4.04E-06	1.06E-06	x	-1.79E-21	4.54E-08
Ozone layer		2.85E-06	1.24E-06	7.89E-07	1.90E-07	5.68E-07	3.89E-08	-7.98E-23	2.11E-08
Ecotoxicity		0.0018	0.0014	0.00026	8.73E-05	2.19E-05	2.87E-05	-8.25E-20	3.99E-06
Acidification/ Eutrophication		0.000268	0.000154	6.44E-05	2.93E-05	1.50E-05	2.87E-06	-1.02E-20	2.26E-06
Land use		0.000244	0.000179	3.47E-05	2.12E-05	6.45E-06	x	-1.12E-20	2.88E-06
Minerals		0.00543	0.000422	7.64E-05	0.00493	1.92E-06	5.33E-11	-2.97E-19	5.94E-07
Fossil fuels		0.019	0.0128	0.0037	0.000735	0.00161	0.000142	-7.53E-19	4.10E-05

{SimaPro 6.0}
 {Process contribution}
 {Date: 13/12/2005}
 {Time: 15:29:30}
 {Project: ECOBOAT}
 {CSV Format version: 6.0.1}
 {CSV separator: Semicolon}
 {Decimal separator: .}
 {Date separator: /}
 {Short date format: dd/MM/yyyy}

Product: Steel ETH S
 Project: ETH-ESU 96 System processes
 Category: Material/Metals/Ferro
 Method: Eco-indicator 99 (E) V2.1 / Europe EI 99 E/E
 Indicator: Single score
 Cut-off: 0%

Process	DQI	Unit	Total	Steel ETH S	Cast iron ETH S	Copper ETH S	PC ETH S	Glass (virgin)	kyd varnish ETH	Truck 28t ETH S
Total of all processes		Pt	7.82	4.55	1.32	1.37	0.418	0.0608	0.0773	0.0189
Steel ETH S	-	Pt	4.55	4.55	x	x	x	x	-2.53E-16	x
Copper ETH S	-	Pt	1.37	x	x	1.37	x	x	-7.62E-17	x
Cast iron ETH S	-	Pt	1.32	x	1.32	x	x	x	x	x
PC ETH S	-	Pt	0.418	x	x	x	0.418	x	x	x
Glass (white) B250	--	Pt	0.115	x	x	x	x	0.115	x	x
Alkyd varnish ETH S	--	Pt	0.0773	x	x	x	x	x	0.0773	x
Truck 28t ETH S	--	Pt	0.0189	x	x	x	x	x	-5.05E-19	0.0189
Glass (green) B250	--	Pt	-0.0544	x	x	x	x	-0.0544	x	x
Glass (virgin)		Pt	0	x	x	x	x	0	x	x

