

Source Reduction Comparison Worksheet

FACTOR	PRODUCT A	PRODUCT B
Cost: What is the purchase cost of each product? This includes any installation costs. This number should reflect the true costs needed to place a working unit/product on the floor.		
Warrantied life: What is the warrantied life of the product?		If Yes, explain the contaminating material.
Durability: What is the estimated life of the product in your application? <small>This information may come from the manufacturer, maintenance records, or consumer publications.</small>	Estimated life:	Estimated life:
Is the product upgradable for a longer life?	N/A Yes No Somewhat	N/A Yes No Somewhat
Repairability: Is it cost-effective to have the product refilled, remanufactured, or repaired.	N/A Yes No Somewhat	N/A Yes No Somewhat
Does the product have parts that are interchangeable with other models currently in use?	N/A Yes No Somewhat	N/A Yes No Somewhat
Quantity per year: Based on expected product life, what is the number of items needed for one year?		
Cost per year: cost of one unit x (number of units needed in operation/durability in years) <small>Note: cost per year may be less than the price of one unit when the longevity of the product is greater than one year. For example, if product life is four years, than 25% of product life is used in one year.</small> * Figures from later questions Extra material would include supporting material such as lubricants.	Cost per year of product only: Labor cost*: Resource cost*: Extra material cost*: Disposal cost*: Total cost:	Cost per year of product only: Labor cost*: Resource cost*: Extra material cost*: Disposal cost*: Total cost:
Weight: What is the disposal weight of one unit of the product, including packaging <small>Note: absorbent products often increase in weight after use.</small>		

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Weight per year: Quantity per year x weight for the use of one unit of the product.		
Volume: What is the disposal volume of one unit of the product, including packaging?		
Volume per year: Number of products per year x disposal volume of one unit of the product.		
Disposal costs per year: What are the costs for disposal of the product? Cu. Yards or gallons of waste x cost for one = cost. * Add under cost per year		
Toxicity: What is the comparative toxicity of the product in use and disposal	N/A Low Medium High	N/A Low Medium High
Worker Safety: Including servicing and repair, what is the comparative impact to worker health or safety involved in the use and disposal of the product?	N/A Low Medium High	N/A Low Medium High
Labor: What is the comparative labor expense of using the product? If labor costs and time required for each activity are known, actual costs can be estimated. *Add under cost per year	Ordering: N/A Low Medium High Stocking: N/A Low Medium High Servicing: N/A Low Medium High Disposal: N/A Low Medium High	Ordering: N/A Low Medium High Stocking: N/A Low Medium High Servicing: N/A Low Medium High Disposal: N/A Low Medium High
Other costs: What is the comparative resource use required through the use of the product? Quantify where possible. *Add under cost per year	Electricity: N/A Low Medium High Other Fuels: N/A Low Medium High Water: N/A Low Medium High Additional Materials: N/A Low Medium High	Electricity: N/A Low Medium High Other Fuels: N/A Low Medium High Water: N/A Low Medium High Additional Materials: N/A Low Medium High

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Recyclability: Is the product locally recyclable?	Yes	No	Somewhat	Yes	No	Somewhat
Is its container locally recyclable?	Yes	No	Somewhat	Yes	No	Somewhat
Does this affect costs?	Yes	No	Somewhat	Yes	No	Somewhat
Recycled content: Does the product have post-consumer recycled content?	Yes	No		Yes	No	
If yes, what percent?		_____ %			_____ %	