

# Environmental Product Declaration

FOR 1 kg of: **Methyl Ethyl Ketone**

Manufactured by:

This Environmental Product Declaration is based on third-party verified results from EcolInvent.

It involves a cradle-to-gate (A1-A3) life-cycle assessment of the product's ingredients. **100%** of ingredients are accounted for.

## Ingredients

Ingredient Name	Cas Number	% w/w Proportion
<b>methyl ethyl ketone</b>	78-93-3	100

## Life Cycle Inventory Assessment Results



Parameter	Units	Total (A1-A3)
Climate Change <b>Fossil Fuels</b>	kg·CO2.eq	2.7
Climate Change <b>Biogenic</b>	kg·CO2.eq	0.0027
Climate Change <b>Land Use</b>	kg·CO2.eq	0.0011
Climate Change <b>Total</b>	kg·CO2.eq	<b>2.8</b>

### Climate Change Rating



Parameter	Units	Total (A1-A3)
Acidification	mol·H+.eq	0.014
<b>Eutrofication</b> Freshwater	kg·P.eq	0.001
<b>Eutrofication</b> Marine	kg·N.eq	0.0027
<b>Eutrofication</b> Terrestrial	mol·N.eq	0.028
Photochemical Ozone Creation	kg·NMVOC.eq	0.01
Ozone Depletion	kg·CFC·11.eq	$2.3 \times 10^{-8}$
Abiotic Material Resource Depletion	kg·Sb.eq	$1.1 \times 10^{-5}$
Abiotic Energy Resource Depletion	MJ	68
Deprivation-Weighted Water Use	m3·world.eq	1.3

Parameter		Total (A1-A3)
<b>Primary Energy Resources — Renewable (MJ)</b>	As Energy Carrier	0.93
	As Raw Material	0
	<b>Total</b>	<b>0.93</b>
<b>Primary Energy Resources — Non-Renewable (MJ)</b>	As Energy Carrier	68
	As Raw Material	34
	<b>Total</b>	<b>100</b>

Parameter	Units	Total (A1-A3)
Hazardous Waste Disposed	kg	$8.4 \times 10^{-5}$
Non-hazardous Waste Disposed	kg	0.27

Radioactive Waste Disposed	kg	$1.2 \times 10^{-5}$
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Contact Information