

Environmental Product Declaration

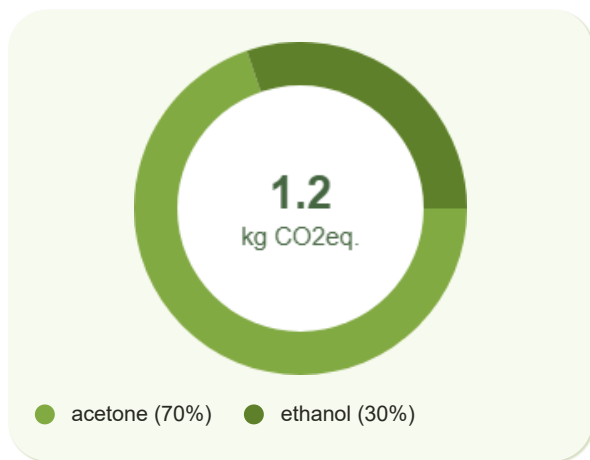
FOR 1 kg of: **Roundup UltraMAX Herbicide**
Manufactured by:

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. **70%** of ingredients are accounted for.

Ingredients

Ingredient Name	Cas Number	% w/w Proportion
acetone	67-64-1	51
water	7732-18-5	30
ethanol	64-17-5	19

Life Cycle Inventory Assessment Results



Parameter	Units	Total (A1-A3)
Climate Change Fossil Fuels	kg·CO ₂ .eq	1.2
Climate Change Biogenic	kg·CO ₂ .eq	0.0012
Climate Change Land Use	kg·CO ₂ .eq	5.1×10^{-4}
Climate Change Total	kg·CO ₂ .eq	1.2

Climate Change Rating



Parameter	Units	Total (A1-A3)
Acidification	mol·H ⁺ .eq	0.006
Eutrofication Freshwater	kg-P.eq	4.3×10^{-4}
Eutrofication Marine	kg-N.eq	0.0011
Eutrofication Terrestrial	mol-N.eq	0.012
Photochemical Ozone Creation	kg·NMVOC.eq	0.0056
Ozone Depletion	kg·CFC·11.eq	1.0×10^{-8}
Abiotic Material Resource Depletion	kg·Sb.eq	5.8×10^{-6}
Abiotic Energy Resource Depletion	MJ	30
Deprivation-Weighted Water Use	m ³ ·world.eq	0.52

Parameter		Total (A1-A3)
Primary Energy Resources — Renewable (MJ)	As Energy Carrier	0.44
	As Raw Material	0
	Total	0.44
Primary Energy Resources — Non-Renewable (MJ)	As Energy Carrier	30
	As Raw Material	21
	Total	51

Parameter	Units	Total (A1-A3)
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Hazardous Waste Disposed	kg	1.8×10^{-5}
Non-hazardous Waste Disposed	kg	0.11
Radioactive Waste Disposed	kg	6.0×10^{-6}

Contact Information