Environmental Product Declaration

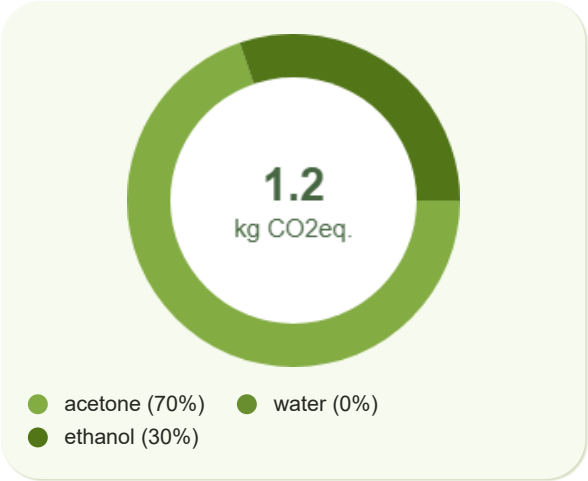
FOR 1 kg of: **Roundup UltraMAX Herbicide**
Manufactured by:

This Environmental Product Declaration is based on third-party verified results.
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
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·CO2.eq	1.2
Climate Change **Biogenic**	kg·CO2.eq	0.0012
Climate Change **Land Use**	kg·CO2.eq	5.1×10^{-4}
Climate Change **Total**	kg·CO2.eq	**1.2**

Climate Change Rating

Parameter	Units	Total (A1-A3)
Acidification	mol·H+.eq	0.006
EutroficiationFreshwater	kg-P.eq	4.3×10^{-4}
EutroficiationMarine	kg-N.eq	0.0011
EutroficiationTerrestrial	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	m3·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

Parameter		Total (A1-A3)
	As Raw Material	21
	Total	**51**

Parameter	Units	Total (A1-A3)
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