

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. EPD confidence Score = 100%

Life Cycle Inventory Assessment Results



Parameter	Units	Total (A1-A3)
Climate Change Fossil Fuels	kg·CO2.eq	1.8
Climate Change Biogenic	kg·CO2.eq	0.0085
Climate Change Land Use	kg·CO2.eq	0.019
Climate Change Total	kg·CO2.eq	1.8

Climate Change Rating









Parameter	Units	Total (A1-A3)	
Acidification	mol·H+.eq	0.011	Α
Eutroficiation Freshwater	kg-P.eq	4.8 × 10 ⁻⁴	Α
Eutroficiation Marine	kg-N.eq	0.0038	В
Eutroficiation Terrestrial	mols-N.eq	0.03	В
Photochemical Ozone Creation	kg·NMVOC.eq	0.0089	Α
Ozone Depletion	kg·CFC·11.eq	4.8 × 10 ⁻⁸	D
Abiotic Material Resource Depletion	kg·Sb.eq	1.3 × 10⁻⁵	D
Abiotic Energy Resource Depletion	MJ	36	Α
Deprivation-Weighted Water Use	m3·world.eq	1.6	В
Parameter	Units	Total (A1-A3)	
Hazardous Waste Disposed	kg	3.4 × 10⁻⁵	D
Non-hazardous Waste Disposed	kg	0.19	Α
Radioactive Waste Disposed	kg	9.8 × 10 ⁻⁶	D

Ingredients

Ingredient Name	Cas Number	% w/w Proportion	LCA Confidence
acetone	67-64-1	73	1
ethanol	64-17-5	27	1

Company: marek User: administrator

Powered by Chemwatch



Key Assumptions for EPD



INGREDIENTS

All upstream sourced.
Impacts from global averages.
Calculated from peer-reviewed LCA
databases



PACKAGING

Excluded



PRINCIPLE

Polluter-pays



MANUFACTURING

Blending only, negligible impact No raw material or manufacturing product losses



METHODOLOGIES

EF v3.1, CED, EDIP 2003 (in Tables 2, 3 and 4 respectively)

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