

# Environmental Product Declaration

FOR 1 kg of: **Ultrastick 4010**

Manufactured by:

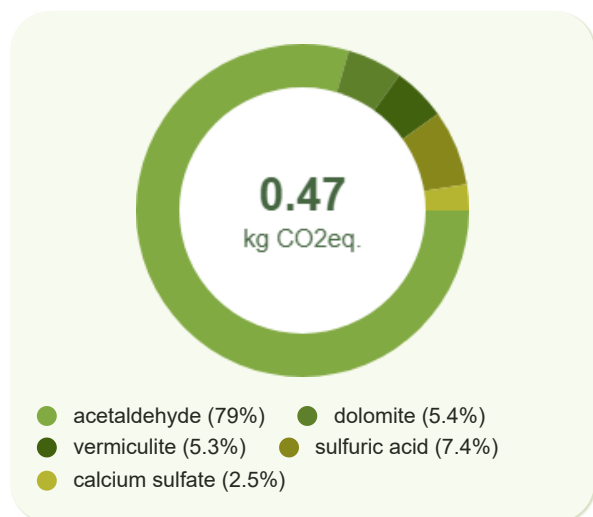
This Environmental Product Declaration is based on third-party verified results from Ecolinvent.

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
acetaldehyde	75-07-0	20
dolomite	7000-29-5	20
vermiculite	1318-00-9	20
sulfuric acid	7664-93-9	20
calcium sulfate	7778-18-9	20

## Life Cycle Inventory Assessment Results



Parameter	Units	Total (A1-A3)
Climate Change <b>Fossil Fuels</b>	kg·CO <sub>2</sub> .eq	0.47
Climate Change <b>Biogenic</b>	kg·CO <sub>2</sub> .eq	0.0023
Climate Change <b>Land Use</b>	kg·CO <sub>2</sub> .eq	$4.3 \times 10^{-4}$
Climate Change <b>Total</b>	kg·CO <sub>2</sub> .eq	<b>0.48</b>

## Climate Change Rating



Parameter	Units	Total (A1-A3)
Acidification	mol·H+.eq	0.0049
<b>Eutrofication</b> Freshwater	kg-P.eq	$1.6 \times 10^{-4}$
<b>Eutrofication</b> Marine	kg-N.eq	$6.4 \times 10^{-4}$
<b>Eutrofication</b> Terrestrial	mol-N.eq	0.007
Photochemical Ozone Creation	kg·NMVOC.eq	0.0024
Ozone Depletion	kg·CFC·11.eq	$3.1 \times 10^{-9}$
Abiotic Material Resource Depletion	kg·Sb.eq	$2.3 \times 10^{-5}$
Abiotic Energy Resource Depletion	MJ	12
Deprivation-Weighted Water Use	m <sup>3</sup> ·world.eq	0.3

Parameter		Total (A1-A3)
<b>Primary Energy Resources — Renewable (MJ)</b>	As Energy Carrier	0.38
	As Raw Material	0
	<b>Total</b>	<b>0.38</b>
<b>Primary Energy Resources — Non-Renewable (MJ)</b>	As Energy Carrier	12
	As Raw Material	6.3

Parameter		Total (A1-A3)
	Total	18

Parameter	Units	Total (A1-A3)
Hazardous Waste Disposed	kg	$2.2 \times 10^{-5}$
Non-hazardous Waste Disposed	kg	0.053
Radioactive Waste Disposed	kg	$5.2 \times 10^{-6}$

Contact Information