

Environmental Product Declaration

FOR 1 kg of: **Sulfuric Acid**

Manufactured by:

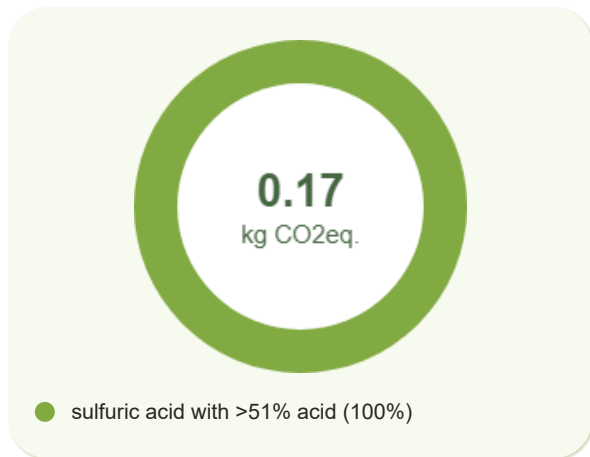
This Environmental Product Declaration is based on third-party verified results from EcolInvent.

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 |
|--|------------|------------------|
| sulfuric acid with >51% acid | 7664-93-9 | 100 |

Life Cycle Inventory Assessment Results



| Parameter | Units | Total (A1-A3) |
|------------------------------------|-----------|----------------------|
| Climate Change Fossil Fuels | kg·CO2.eq | 0.17 |
| Climate Change Biogenic | kg·CO2.eq | 7.2×10^{-4} |
| Climate Change Land Use | kg·CO2.eq | 3.7×10^{-4} |
| Climate Change Total | kg·CO2.eq | 0.18 |

Climate Change Rating



| Parameter | Units | Total (A1-A3) |
|-------------------------------------|--------------|----------------------|
| Acidification | mol·H+.eq | 0.012 |
| Eutrofication Freshwater | kg·P.eq | 2.9×10^{-4} |
| Eutrofication Marine | kg·N.eq | 4.2×10^{-4} |
| Eutrofication Terrestrial | mol·N.eq | 0.005 |
| Photochemical Ozone Creation | kg·NMVOC.eq | 0.0019 |
| Ozone Depletion | kg·CFC·11.eq | 3.6×10^{-9} |
| Abiotic Material Resource Depletion | kg·Sb.eq | 6.5×10^{-5} |
| Abiotic Energy Resource Depletion | MJ | 2.3 |
| Deprivation-Weighted Water Use | m3·world.eq | 0.56 |

| Parameter | | Total (A1-A3) |
|--|-------------------|---------------|
| Primary Energy Resources — Renewable (MJ) | As Energy Carrier | 0.41 |
| | As Raw Material | 0 |
| | Total | 0.41 |
| Primary Energy Resources — Non-Renewable (MJ) | As Energy Carrier | 2.3 |
| | As Raw Material | 0 |
| | Total | 2.3 |

| Parameter | Units | Total (A1-A3) |
|------------------------------|-------|----------------------|
| Hazardous Waste Disposed | kg | 6.5×10^{-5} |
| Non-hazardous Waste Disposed | kg | 0.069 |

| | | |
|----------------------------|----|----------------------|
| Radioactive Waste Disposed | kg | 3.6×10^{-6} |
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Contact Information