



**“ WE MAKE & SUPPLY  
SUSTAINABLE  
CHEMICALS WHICH  
MAKE A DIFFERENCE  
TO OUR  
ENVIRONMENT”**

**CIRCULAR  
CHEMICALS  
2025**





# NEWKAO

## SUSTAINABLE KAOLIN



“Making regenerated silicates a mainstream choice for construction”

**100%** Regenerated Material

**55%** Lower CO<sub>2</sub> emissions

 Phone

+65 6653 2299

 Location

101, Tuas South Avenue 2,  
Singapore 637226

 Email

info@env-solutions.com

 Website

www.env-solutions.com

### ABOUT SUSTAINABLE KAOLIN

NEWKAO is an innovative, eco-friendly aggregate regenerated from spent catalysts, designed for use in road subgrades and as a high-performance filler in construction materials. Offering the strength and durability of traditional kaolin, NEWKAO also supports sustainable practices by repurposing industrial waste into valuable resources. Its silicate composition enhances the structural integrity of concrete and cement while maintaining chemical inertness, ensuring compatibility with various formulations. By choosing NEWKAO, builders and developers contribute to reducing environmental impact, minimizing reliance on natural aggregates, and supporting a circular economy in construction.

### A SUSTAINABLE ALTERNATIVE



**Circular Economy:** Regenerated from spent catalysts, NEWKAO reduces industrial waste impact.



**Versatile Applications:** Ideal for road subgrades and construction aggregates, enhancing strength and durability.



**Eco-Friendly:** Reduces natural resource extraction and lowers carbon emissions.

Contact us for free samples today



# NEWSPAR

## SUSTAINABLE FLUOSPAR



“NEWSPAR Delivers  
Sustainability &  
Performance”

**100%** Regenerated  
Material

**48%** Lower  
CO<sub>2</sub> emissions

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Singapore 637226

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### ABOUT SUSTAINABLE CAF<sub>2</sub>

NEWSPAR is a high-quality recycled metallurgical grade fluospar product designed to meet the stringent needs of industrial applications while championing sustainability. Derived from a rigorous recycling process, NEWSPAR offers an environmentally friendly alternative to traditionally mined fluorspar, reducing your environmental footprint without compromising performance.

### WHY CHOOSE NEWSPAR?



**Circular Economy:** Regenerated from hydrofluoride by products, NEWSPAR reduces industrial waste impact.



**Superior Performance:** High-quality, reliable results for steel, glass, and ceramics industries.



**Versatile Applications:** Multi-purpose solution tailored to key industrial needs such as Steel, Ceramics, Building Materials

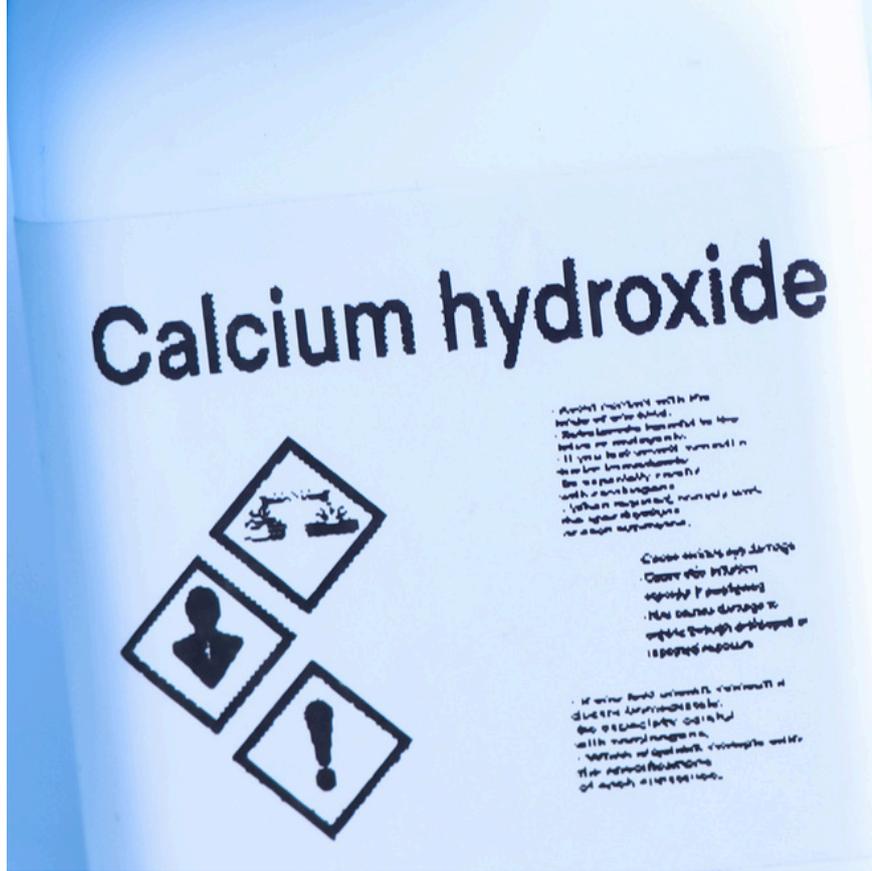


**Eco-Friendly:** Reduces natural resource extraction and lowers carbon emissions.

Contact us for free samples today



# NEWLIME SUSTAINABLE CALCIUM HYDROXIDE



“Positive Impacts  
with exceptional  
performance”

**30%** Cost Savings

**70%** Lower CO2 emissions

Phone  
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Location  
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Singapore 637226

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info@env-solutions.com

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## ABOUT SUSTAINABLE CAO H

NEWLIME is an innovative circular calcium hydroxide created from industrial by-products. Through advanced recovery processes, we transform manufacturing by products into a high-quality, sustainable product that reduces environmental impact while delivering exceptional performance.

## WHY CHOOSE NEWLIME?

**Circular Economy:** Embodies the principles of the circular economy by repurposing waste and extending the lifecycle of industrial resources.

**Superior Performance:** Engineered to meet industry standards, NEWLIME offers reliable and consistent results

**Versatile Applications:** Perfect for industries such as construction, water treatment, and chemical manufacturing, sustainability meets functionality.

**Eco-Friendly:** Reduces natural resource extraction and lowers carbon emissions.

Contact us for free samples today



# NEWEARTH

## EARTH'S SUSTAINABLE MATERIAL



“High-performance, eco-friendly earth material”

**30%** Cost Savings

**50%\*** Lower CO2 emissions

 Phone

+65 6653 2299

 Location

101, Tuas South Avenue 2,  
Singapore 637226

 Email

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### ABOUT SUSTAINABLE NEWEARTH

NewEarth is ESA's latest breakthrough in sustainable material innovation, transforming Spent Bleaching Earth and Diatomaceous Earth into a high-performance, eco-friendly earth material. Designed for construction, land rehabilitation, and industrial applications, NewEarth diverts waste from landfills and repurposes it into a valuable, stabilized, and reusable resource.

### WHY CHOOSE NEWEARTH?



**Circular Economy:** Embodies the principles of the circular economy by extending the lifecycle of industrial resources.



**Purity and Reliability:** Blended & stabilized for enhanced durability and safety. Tested for consistency to meet industrial and environmental standards



**Versatile Applications:** Sustainable alternative for fill, aggregates, and soil stabilization. Ideal for landscaping, erosion control, and soil remediation



**Eco-Friendly:** Regenerated NEWEARTH reduces the need for virgin material extraction and prevent landfill emissions. Lowering carbon emissions.

Contact us for free samples today

\*estimated up to