

# CALCIUM, LIME, RUST REMOVER



Calcium, lime and rust are insidious threats to efficient and trouble free operations. The continued battle to minimize the consequences of build-up includes a litany of acids and caustic chemicals intended to root out the problem. While traditional chemical and acid first costs are expensive, the long term, life-cycle costs including special work safe programs, environmental fees and transportation and disposal fees can easily double these costs.

ZenEarth's Calcium, Lime & Rust Remover is an incredibly powerful ally in the battle to overcome these problems. Made from a variety of plant and mineral ingredients, this product easily meets the problems head on as a straight replacement to traditional chemicals and acids but does so without the many dangerous side-effects.

The SDS (Safety Data Sheet) highlights major differences to conventional calcium, lime and rust removal agents with an enviable 0-0-0 hazard rating. While safety precautions are always important, the ZenEarth product makes working in these surroundings much easier and safer.

Other benefits include:

- Product is safe to use without gloves.
- Requires no special handling procedures.
- Product is safe to wash into waste systems – check with local authorities.
- Reduced Environmental fees.
- Reduce or eliminate product discharge fees.
- Pleasant soapy odour.
- Low PH of as little as 3.1-3.4.

Follow up with ZenEarth Rust and Corrosion Converter to eliminate rust re-occurring. Rust and Corrosion Converter permanently seals scarred and bare metals from re-oxidizing and will extend the life of exposed metals indefinitely.



## ZEN EARTH PRODUCTS ARE:

**Bio - Based**  
**Readily Biodegradable**  
**Non - Toxic**  
**Non - Corrosive**  
**Non - Hazardous**  
**Non - Caustic**  
**Non - Flammable**  
**Non - Cancer Causing**

## DO NOT CONTAIN:

**Ozone Depleting Substances**  
**Petroleum Distillates**  
**Glycol Ethers**  
**Caustics**  
**California Proposition 65 Chemicals**

The active ingredients behind all "green" ZenEarth cleaning, solvent and lubricating products are combinations of various readily biodegradable plants and naturally occurring minerals. ZenEarth's proprietary, renewable, chemical/mechanical process creates a truly unique product that is safe for human use and for the environment. It is effective and versatile.

All ZenEarth active ingredient formulas are effective as a result of the creation of electrically charged particles known as micelle. When activated in water, micelles repel each other in a ceaseless random movement. Measuring only 2 – 4 nanometers in size, their extreme surface-area-to-volume ratio enables far greater efficacy than conventional technologies or formulas. Micelles do not produce a chemical reaction that generates new compounds when introduced into another material or the environment, instead they break down carbon based compounds into smaller particles that can be easily assimilated and metabolized by normal soil or water microorganisms.