



“Geothermal Green Clean™”

Biodegradable Open Loop Cleaner

Geothermal Green Clean is Safe to Handle and Biodegradable

www.GeothermalGreenClean.com

219-987-2822

- ◆ **GEOTHERMAL GREEN CLEAN** is a scientific liquid descaler specifically designed to dissolve all water scale, lime, Iron, rust and other water formed deposits which are found in any type of water operated Geothermal heat transfer equipment or cooling Tower systems. Water scale deposits are costing facilities everywhere several thousands of dollars a year in increased energy costs, decreased equipment life, and other inefficiencies. Traditional methods of cleaning (mechanical brushing, harsh acids, and high pressure water) have significant disadvantages, including employee safety concerns, equipment damage, and environmental concerns. Using these outdated methods can lead to a wasteful, inefficient operation.
- ◆ Each gallon of **GEOTHERMAL GREEN CLEAN** will effectively dissolve approximately two pounds of deposit, restoring operating efficiencies to equipment and heat transfer surfaces. Other benefits include lower head pressures, reduced power consumption, increased water flow, and extended equipment life.
- ◆ **GEOTHERMAL GREEN CLEAN** is biodegradable, non-toxic, non-corrosive, and non-flammable when used as directed. **USDA** has authorized this product for use in pharmaceutical, bottling, poultry and other food processing plants. The material may be disposed of down regular sewer systems with a water flush per local regulations. **GEOTHERMAL GREEN CLEAN** is safe enough to hold in the open hand. There are no hazards to your equipment, personnel or our environment.
- ◆ **GEOTHERMAL GREEN CLEAN** is utilized by circulating this revolutionary solution throughout the fouled water passages via a simple pump. cleaning Geothermal Heat Exchangers may be accomplished within an average of two to four hours of circulation time. There is no need for labor intensive dismantling of the equipment. Some systems may be cleaned while in operation without the need for shutdown. Fouling deposits will completely dissolve like sugar into coffee; there is no need to neutralize after cleaning; simply flush dissolved deposits with water to sewer and return unit to service.
- ◆ Water scale deposits are a significant cause of heat transfer loss, along with the subsequent increase in energy costs. In fact, even a thin layer of scale (1/32") can cause a 30% increase in the cost to operate that equipment. Keeping the cooling passages free of mineral deposits significantly improves efficiency, conserves energy, extends the useful life of the equipment, and saves time & money.

Product Applications

Geothermal Clean has many uses and applications for returning the critical operating efficiencies to your building's systems.

Geothermal Open Loops

Boiler Heat Exchangers

Hot Water Heaters

Kitchen & Cafeteria Equipment

Cooling Towers

Ice Machines

In the past when the cooling system or domestic piping became fouled with scale and rust deposits, many commercial buildings had little alternative but to replace the pipes. With years of research and development in descaling procedures now make possible the latest use of **Geothermal Clean** in buildings. Our many years of experience in solving the problems of industry have allowed us to transfer refined descaling techniques to applications other than industrial. Northwest Geothermal, Inc. can do this because of an ongoing dedication to *quality...quality products, quality performance and quality people*. More important is our commitment to **TOTAL CUSTOMER SATISFACTION.**

Container sizes from 5 to 55 Gallons & Larger are Available please call for quote

Suggested cleaning concentrations 2 Gallons per residential unit



Before Cleaning

Northwest Geothermal, Inc.

Geothermal Earth Loop Contractor

www.GeothermalGreenClean.com

www.NorthwestGeothermal.com

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219-987-2822



After Cleaning

Geothermal Green Clean.Com™

All Products provides MSDS and basic instructions as to the typical open loop geothermal installations cleaning. As there are many different installations please consult you original installer. NEVER LEAVE EQUIPMENT UNATTENDED AT ANY TIME