

Hydroclean™

Ultra Concentrated Stabilized Bio-Oxidant Solution

Description:

Hydroclean is a strong oxidizer stabilized for long-term storage and formulated specifically for use in drains, grease traps, and lift stations. Hydroclean is effective five ways:

- ▶ **Reduces CODs, BODs, and TSSs** and their related surcharges
- ▶ **Eliminates organic odors** that bother neighbors and employees
- ▶ **Vaporizes hydrocarbons** such as greases, oils, fats, and solvents
- ▶ **Increases Dissolved Oxygen**, which boosts biological metabolic activity
- ▶ **Scavenges poisonous hydrogen sulfide**, preventing it from corroding metal surfaces



How Does Hydroclean Work?

The Hydroclean Reaction is quite simple. When Hydroclean contacts organic soil, greases, oils, and fats, it immediately starts to break the hydrocarbon chains down into their individual components: Hydrogen molecules and Carbon molecules. The Hydrogen and Carbon molecules pair with the free Oxygen molecules donated by the Hydroclean to form Water and Carbon Dioxide as the only by-products of the reaction.

- Non-flammable • 100% Biodegradable
- No hazardous fumes • No toxic by-products
- Safe in all drainage systems • Devours Grease



Applications:

LIFT STATIONS - Hydroclean is perfect for annual deep cleaning of lift stations or for use as an initial deep cleaning prior to starting a biological or chemical lift station maintenance program such as Momar's Bactozyme Blocks or Momar's Grrreat Grape Lift Station Degreaser.

Directions: Pump down the water level in the lift station and turn off the pump. Add 50 to 100 litres of Hydroclean by pouring it directly on the organic buildup on the walls, pumps, and floats. Allow 20-40 minutes for the reaction to occur while grease, oil, grime, and scum are dissolved away and vaporized. Use more Hydroclean if necessary for larger lift stations or for lift stations with heavier buildups. On average, Hydroclean will vaporize 80-85% of the organic soils, greases, oils, and fats. Upon completion of the treatment, turn the pumps back on and start the Momar lift station maintenance program of your choice. Because treatment with Hydroclean yields only water and carbon dioxide, it can be followed with any Momar lift station maintenance program.



DRAINS & GREASE TRAPS - Hydroclean is ideally suited to remove heavy grease buildups in drain lines and grease traps. Because Hydroclean is non-caustic and non-acid, it can be used in any drain or trap to provide a deep cleaning prior to starting a Momar drain or grease trap maintenance program such as Momar's 8-Alive Maintain-A-Drain program.

Directions: Slowly add Hydroclean to each drain opening, starting with those located closest to the grease trap and working upstream. 4-12 litres per drain opening may be required to completely remove existing buildups. Be careful as Hydroclean may produce foam during the clean-out and this foam may come up through floor drains. Drain boots and drain covers may be used to prevent this from occurring. Foam can be rinsed back into the drain easily after application. If fumes are produced during the application, add cold water to slow down the cleaning process and to eliminate the fumes.



Specifications:

Hydroclean is a clear, colorless solution and has the viscosity of water and a slight vinegar odor. At full strength, Hydroclean contains 24% pure available Oxygen and has a pH of 3, but once reacted with organic soil the pH is neutral. Hydroclean weighs 9.93 pounds per gallon (1.196g/ml) and freezes at -51°C. Though it is not foamy in concentrated form, it does produce a significant amount of foam during reaction with organic soil. With a Health rating of 3, a Flammability rating of 0, and a Reactivity rating of 1, personnel using Hydroclean are recommended to wear chemical resistant aprons, gloves, boots and safety glasses. 6 month shelf-life if left unopened. 1 month shelf life once opened. Available in 25 litre drums.

Momar Australia Pty Ltd

Telephone: +612-9831-4311 • Fax: +612-9831-2994

www.momar.com.au