

DRAINSHIELD GREASE TRAP CLEANER & ODOUR CONTROL

For Controlling FOG, H₂S, VOC's & Mercaptans

WHAT IS DRAINSHIELD?

DRAINSHIELD GREASE TRAP CLEANER & ODOUR CONTROL is a new unique dilutable complex blend that acts as a disruptor of the FOG (fats oils & grease) structure and also captures and breaks down odourous compounds at their source. **DRAINSHIELD** is non-HAZMAT allowing for flexibility in application.

HOW DOES DRAINSHIELD WORK?

DRAINSHIELD readily liquifies FOG deposits while capturing and removing noxious and acid gas compounds at their source. On contact, **DRAINSHIELD** immediately interacts with the FOG by loosening and liquifying deposits from substrates while not acting as an emulsifier resulting in a top-phase flow-able FOG that does not re-solidify. The interaction between **DRAINSHIELD** and the FOG structure is irreversible, allowing for permanent removal of the odour and simplified FOG removal.

DRAINSHIELD captures and breaks down present hazardous and odourous compounds in both hydro-phase and vapor-phase. Some of these compounds include hydrogen sulfide, volatile organic compounds, mercaptans / thiols (organosulfur carbon-bonded compounds), or other hydrocarbon based compounds. The Sul-Free molecule, GP's patented wastewater scavenger, powers the **DRAINSHIELD** system by irreversibly breaking down both odours and FOG formations.

ADVANTAGES OF USING DRAINSHIELD

PERFORMANCE

- Quickly liquifies FOG deposits
- Prevents blockages / seized lines
- Works synergistically with beneficial microbes
- Controls odours by preferential scavenging
- Non-foaming
- Flexible in application
- Readily biodegradable, user-friendly & non-hazmat

Improves wastewater systems performance by :

- Reducing Ammonia as NH₄
- Reducing Nitrite as NO₂
- Reducing Nitrate as N
- Reducing Phosphorus as P
- Reducing Total Suspended solids

SAFETY

- Non-HAZMAT & non-VOC.
- Readily biodegradable.

PRICE & LEAD TIME

- Direct price.
- Local supply / Made to order

DRAINSHIELD vs. ODOURS

FOG IN PIPE



FOG LIQUEFIED



JETTER / VACTRUCK



APPLY DRAINSHIELD TO

- WWTP's
- Collections: Pump / Lift Stations
- Septic Tanks / Systems
- Lagoons, Ponds, Holding Tanks
- Kitchen sinks / drains, grease traps & more!

DRAINSHIELD PHYSICAL PROPERTIES

Type	Solution Scavenger
Color	Amber
Specific Gravity	1.026 ± 0.25
pH (neat)	10.25-11.25 ± 0.2
pH (spent)	6.5 – 7.5
Flash Point	None to boiling