

HYDRA

BIO BLAST



Devours FOG's (Fats, Oil & Grease)

Treats Blocked Drains, Safely Removes Soap, Hair & FOG's



HYDRA[®]

Features & Advantages

- ◆ Devours hydrocarbons such as greases, oils, fats, and solvents.
- ◆ Safely breaks down FOG's, Soap, Hair etc in drains.
- ◆ Unlike sulphuric acid drain cleaners pipework does not get hot.
- ◆ Eliminates organic odours that bother neighbours and employees.
- ◆ Scavenges poisonous hydrogen sulphide, prevents metal corrosion.
- ◆ Reduces COD's, BOD's, and TSS's and their related surcharges.
- ◆ Safe to use in all drainage systems.
- ◆ Increases dissolved oxygen, which boosts biological metabolic activity downstream at the waste water treatment plant.
- ◆ Rapid action. Takes just a few minutes to remove grease, oil or fat deposits.
- ◆ Devours toxic hydrogen sulphide gas that corrodes the metal.
- ◆ Keeps BOD, COD and TSS level under control. Saves you the related surcharge.

Description



100% Biodegradable

When Hydra Bio Blast contacts organic soil, greases, oils and fats it immediately starts to break the hydrocarbon chains down into their individual components of hydrogen molecules and carbon molecules.

The hydrogen and carbon molecules then pair with the free oxygen molecules donated by the Hydra Bio Blast to form water and carbon dioxide as the only by-products of the reaction.



Drains & Grease Traps

Hydra Bio Blast is ideally suited to remove heavy grease build-ups in drain lines and grease traps.

Because it is non-caustic and non-acid, it can be used in any drain or grease trap to provide a deep clean prior to starting a biological maintenance program.



Lift Stations

Ideal for annual deep clean of lift stations or for use as an initial deep clean prior to starting a Hydra biological maintenance program.

Automatic Dosing

Can be added automatically through Hydra's auto dosing units.

These are either timer pumps which come on once per day or other pumps which will treat the trap on an automated basis.

How To Use

Drains and Grease Traps

- ◆ Slowly add Hydra Bio Blast to each drain opening starting with those located closest to the grease trap and work upstream.
- ◆ Add 5 to 10 litres per drain opening may be required to completely remove existing build-up.
- ◆ Be careful as foam may be produced during the clean-out and this foam may come up through floor drains.
- ◆ Drain covers may be used to prevent this from occurring.
- ◆ Foam can be rinsed back into the drain easily after application.
- ◆ If Foams are produced during the application then add cold water to slow down the cleaning process and eliminate the foam.



Lift Stations

- ◆ Pump down the water level in the lift station and turn the pump off.
- ◆ Add 50 - 100 litres of Hydra Bio Blast by pouring it directly on FOG build-up.
- ◆ Allow 20-40 minutes for the reaction to occur while grease, oil, grime and scum are dissolved away.
- ◆ Use more Hydra Bio Blast if necessary for larger lift stations or lift stations with heavier build-ups.
- ◆ On average 80-85% of the organic soils and FOG's will be vaporised.
- ◆ Upon completion of the treatment, turn the pumps back on and start the Hydra biological program of your choice.



For Septic Tanks & Bio Treatment Plants

- ◆ Dissolves fat and grease deposits in the tank or plant tanks.
- ◆ Does not affect the bacteria in the septic tank or biological treatment plant.
- ◆ Breaks down to oxygen and water.

Laboratory Facilities

Hydra International Ltd.'s Research & Development Laboratories are a hub of activity where new products are developed and formulated. We have working relationships with our raw material suppliers, many of these suppliers are major world-wide chemical manufacturers with their own development laboratories.

As a company we are well known in the chemical industry for being receptive to cutting edge new chemicals which can be incorporated into our products to achieve performance advantages. An important part of the International Standards that we hold is that of constant improvement. We show that we have achieved this at every independent audit.



Hydra International Limited

8 Carters Lane, Kiln Farm, Milton Keynes MK11 3ER, U.K.

+44 (0)1908-265889 | sales@hydra-int.com

www.hydra-int.com

