


APPENDIX C



Hepburn Bio ET For MBR, EVAC & Sewage plants

Bio degrades grease, fat, effluent solids naturally – removes odors

APPLICATION	To bio degrade grease, fats, effluent, clean bilge water, reduce TSS, BOD, blockages and odours in, sewage tanks, grease traps, grey water tanks, filters, pumps & feed lines. Makes tanks easier to clean.
PROCEDURE 	<p>Automatic Dosing - use Peristaltic pump Fit peristaltic pump - electricity required - fit drum directly beneath the pump – make sure that the hoses are the correct length, 2m maximum Dosing Program for pumps - follow general guideline Bio ET should always be dosed at regular intervals 4 times through a 24 hour period. - E.G: 6.00am, mid-day, 6.00pm, 22.00 H as a guide.</p> <p>Guidelines – 40 tons – 1000 ml per day – 60 tons – 1500 mls per tank</p> <p>MBR - example - pax 3000 using - 3 MBR - 1.5 LSTD per MBR per day e.g. <u>Bio ET Super concentrate = Dose 300 ml per day = 75 ml- 4 x' p/ day</u> <u>Bio ET Standard = Dose 1.5 L per day=375ml - 4 x's p/ day</u></p> <p>Evacs <u>Bio ET Superconcentrate = Dose 100 ml per day– 25 ml – 4 x's p/day</u> <u>Bio ET Standard = Dose 500ml per day –125 ml – 4 x's per day</u> N.B: please check carefully which ET version you have</p> <p>Sewage Plants 40 tons per day = 1000ml/day - set pump at 4 runs of 250ml doses - minutes run per dose depends on the type of peristaltic pump used. 60 tons per day = 1600ml per day- set pump at 4 x 400 ml doses</p>
DILUTION	Do NOT dilute - Ready to use. Comes in 25 L drums
RESULTS	Reduces solids, BOD, Odours and keeps tanks, filters and drains clean and free of solids –Over some months reduces solids by 60% and keeps tanks free of hydrogen sulphide gas
HEALTH & SAFETY REQUIREMENTS: Skin Contact: Wash skin with water / Eye Contact: Rinse eyes thoroughly with water for several minutes / Ingestion: Wash out mouth with water /Do not induce vomiting. Seek medical advice / Inhalation: Expose to fresh air. Seek medical advice if symptoms persist.	

Hepburn products are fully biodegradable, non hazardous and non corrosive