

PRODUCT INFORMATION SHEET

Ultra-Fresh DM-50

POLYOLEFIN DRIP IRRIGATION TUBING AND PIPING FOR GREY-WATER APPLICATIONS

Ultra-Fresh DM-50 can be used to protect polyolefin drip irrigation tubing and piping for sewage effluent, recycled water and grey-water.

The application rate will typically be in the range of 0.15 to 0.25 wt. % based on the final polymer weight. The required level for each specific polyolefin polymer system can be determined by microbial testing conducted by TRA.

The *Ultra-Fresh* DM-50 is to be compounded directly into the polymer matrix at the point where other formulating additives are introduced. This usually involves some type of intensive mixing such as a Banbury mixer or a compounding extruder (e.g. twin screw). Other mixing equipment may also be suitable and the actual processing conditions would be determined in a plant trial.

It is also possible to compound a concentrate polymer (e.g. 5% wt. *Ultra-Fresh* DM-50) and then blend the concentrate with the bulk polymer to obtain the target addition level. The highly thermoplastic polyolefins are particularly suited to this approach.

Prior to conducting a trial with *Ultra-Fresh* DM-50, it is recommended that there is a consultation with TRA on the proposed processing conditions.

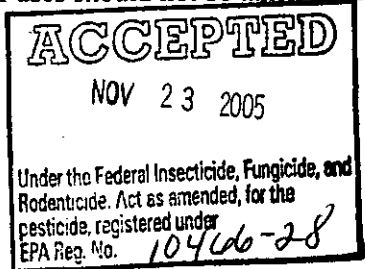
Do not use for any applications involving direct or indirect food contact including agricultural irrigation, or human or animal drinking water contact applications.

NOTE: For additional precautionary labeling please refer the market label attached to the product.

NOTICE

The information and data contained herein are based on information we believe reliable. You should thoroughly test any application, and independently conclude satisfactory performance before commercialization. Suggestions of uses should not be taken as inducements to infringe any particular patent.

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