

LIPOSOLVE® 金

Municipal Emulsifier

GREASE PROBLEMS IN MUNICIPAL FACILITIES

Fats, oils and grease (FOG) represent one of the largest headaches for municipal collection system workers. These hydrophobic and stable FOG substances, by their very nature, stick to and stay on collection lines, lift station surfaces and line cleaning equipment. The normal flow of collection water does nothing to remove them. In many cases, FOG build up can restrict the water flow, even to the point of causing blockage and subsequent back-ups.

THE EPICORE SOLUTION

The best way to handle FOG problems is to treat it before it becomes a problem using a biological digester like Epicore's LINEBAC™ 金 Microbial Ecosystem. When FOG is present as a hard coating on equipment and lines, LIPOSOLVE Municipal Emulsifier can soften it prior to LINEBAC use. LIPOSOLVE emulsifies FOG and thereby increases its susceptibility to bio-digestion. LIPOSOLVE works well on all types of food and petroleum origin fat, grease and oil.

PRODUCT DESCRIPTION

LIPOSOLVE is a water based, concentrated heavy-duty emulsifier which penetrates and softens all forms of grease, fats and oil, emulsifying them on contact with water. It contains biodegradable non-ionic surfactants, chelating agents and water.

BENEFITS OF LIPOSOLVE USAGE

- Improves wetting of fat, oil and grease deposits to improve the contact of Epicore's LINEBAC microbial FOG digester.
- Contains biodegradable components that are digested by LINEBAC.
- Works equally well in either fresh or salt water.
- Safe to use on a variety of surfaces including plastics, metals and woods.
- Contains no hazardous corrosive, caustic or solvent chemicals.

APPLICATION SUGGESTIONS

Dilute LIPOSOLVE in water at the rate of 2 ounces per 15 gallons water. Use warm water where possible. Spray onto FOG covered surfaces. Allow to stand for 15 minutes to allow LIPOSOLVE to penetrate. Rinse with a strong spray of water. The Epicore Municipal Distributor can provide further usage suggestions.

PRODUCT DATA

	<u>Typical Value</u>
pH (concentrate)	6.8 - 7.2
Specific Gravity	1.0
Color	Light amber
Odor	Sweet, mild soapy
Specific Gravity	1.01 (at 20°C)
Flash Point	>200F

PACKGING: LIPOSOLVE is supplied in cases of ten quart plastic bottles which contain 2.1 pounds net weight each.

PRODUCT STORAGE: Store in original container.

ENVIRONMENTAL ACCEPTABILITY

LIPOSOLVE is non-caustic and non-polluting.

- Does not contain halogenated solvents such as trichloroethylene or carbon tetrachloride.
- Does not contain inorganic residues.
- Excellent biodegradability provides answers to many problems involving RCRA mixed wastes regulations.

SAFETY

Users are advised to consult the Material Safety Data Sheet for information and guidance.

**For institutional and industrial use only.
Keep out of reach of children.**

IMPORTANT NOTICE TO PURCHASER:

"Epicore BioNetworks Inc. ("Epicore") warrants that the product conforms to its compositional description and is reasonably fit for the purpose stated on the label when used in accordance with the label instructions under normal conditions of use. There are no other express or implied warranties, whether as to merchantability, fitness for any use, or otherwise, given in respect of the product. Neither Epicore nor its agents shall be liable for any damage, loss, or injury, whether the same arises directly or consequentially, by reason of any matter whatsoever relating to the use of the product, and any buyer's or user's exclusive remedy in any instance shall be limited to a refund of the purchase price paid."

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