

UNITED LABORATORIES TECHNICAL DATA SHEET

UNITED 756 LIFT-ZYME Wastewater Treatment for Sanitary Collection Systems

DESCRIPTION

UNITED 756 LIFT-ZYME consists of specific enzymes selected from various enzyme family groups and a critical surfactant blend. The enzymes have been selected for their ability to predigest various food groups including FOG, polysaccharides, hydrocarbons and other organic wastes.

The critical surfactant blend is needed for three functions:

1. To increase the lubricity of water (reducing water surface tension) allowing water to penetrate into tighter openings and rehydrate dried out material and increase the surface area the enzymes can work on.
2. To assist in liquefying FOG and other organic wastes allowing them to flow with the waste stream.
3. To keep the FOG that has been emulsified in a liquid state, not allowing it to resolidify somewhere else in the line.

UNITED 756 LIFT-ZYME also contains our patented "Oily Water Separation" technology.

FEATURES AND BENEFITS

- Used to remove fats, oils and grease from collection systems.
- Contains NO VOC's.
- Contains NO hazardous ingredients, or reportable ingredients.
- Contains a proprietary surfactant and enzyme blend.
- Dilution rates will vary from 100:1 to as much as 100,000:1, based upon the conditions being treated and the application method.
- Is unaffected by the salinity of water.
- Has slight flocculent properties.
- Patented (see below) Separation Technology® – Allows separate recovery and disposal of petroleum and grease, leaving nearly oil-free water.
- Conforms to and is sold under U.S. Patents 5,459,066; 5,660,732; 5,686,297; 5,462,784; Mexican patentado 182928; and other patents pending.

SPECIFICATIONS

Appearance	Light green color liquid with light Cimarron (cinnamon-like) scent
Flash Point and Flame Extension	None
Specific Gravity (water=1)	0.990 (H ₂ O=1)
pH	7-8
VOC	None
Evaporation	1 (Water=1)
Solubility in Water	Soluble
Wetting Ability	Yes
Cold Stability	Do not freeze
NPE, Phosphates, Butyl, Heavy Metals, Chlorine, Pthalates	None
Packaging	6 gal. 20 gal. 35 gal. 55 gal.
Shelf Life	1 year

SUGGESTED USES

When used correctly **UNITED 756 LIFT-ZYME** reduces blockages and other grease related flow restrictions, helps reduce H₂S and mal-odors by cleaning pipes, increases the efficiency of and stimulates bacterial activity in wastewater collection systems.

DIRECTIONS

Refer to label instructions

HMIS® III CODE

0=MINIMAL	HEALTH	0
1=SLIGHT	FLAMMABILITY	0
2=MODERATE	PHYSICAL HAZARD	0
3=SERIOUS	PERSONAL PROTECTION	B
4=SEVERE		

PERSONAL PROTECTION INDEX: Glasses and Gloves

