



# UNITED

LABORATORIES

- Excellent for grease, scum, oil and coal dust removal.
- Safe for plant and process...will not harm bacterial process in plant.
- No material safety handling problems.
- Easy to apply...use high pressure washer or steam jenny.

**GREASE OR OIL IN AERATION TANKS:** Treated with **ZYME-TREAT** to aid settling. Approximate dilution rate of 20,000 - 40,000:1. Check for proper dilution rate by doing a sludge settling test using **ZYME-TREAT** mixed 10:1.

**DIGESTER CLEANING:** Use a pressure washer and **United 556** at a 30:1 - 40:1 dilution rate. **ZYME-TREAT** will even help degrease the two feet of sludge in the bottom of the digester that won't rewater.

**SCUM LAYERS IN DIGESTER:** Can be controlled using **ZYME-TREAT** addition. Please check with your United Representative for details.

**SAND OR MIXED-MEDIA TERTIARY FILTER:** Can be cleaned of oil, grease, algae and scum with the use of **United 556** from 75:1-125:1 for filters containing anthracite to 150:1-300:1 for filters containing only sand. This use rate applies to the net volume of water after subtracting the volume of the media in the filter. The media volume can often be found on the design prints in the plant. Contact your United Representative for further information, or check Operations Forum, Jan. 1990, "Taking the Bite Out of Filter Buildup."

**CLARIFIER AND AERATION TANK WALLS:** Can be successfully cleaned with a high pressure washer using **United 556** at 30:1 - 40:1 dilution. Reactor walls rinse clean. Since **United 556** has flocculating properties, the septic sludge in the bottom of the reactor will flow down the drain with greater ease.

**ALGAE:** Can be removed from reactor walls without residue, using a bucket and natural bristle brush with **ZYME-TREAT** at a 10:1 dilution, or one may lower the level in the clarifier and use a high pressure washer with **United 556** at 30:1 dilution. Because of the flocculant properties of **United 556**, most of the algae will sink instead of floating, thus reducing the suspended solids that usually result from algae cleanup.

**TRICKLING FILTERS:** May be cleaned of ponding due to slime and grease, using 5-7 gallons (18-25 litres) of **United 556** in a 90 foot trickling filter. Add the **ZYME-TREAT** to the center well with a detention time of about 20 minutes. Let the filter circulate. Once the ponding has been reduced, allow the material to pass through the process. There will be no harm to the bacteria on the filter. The enzymes actually enhance the biological processes.

**SEPTIC FIELD SYSTEMS:** If the drain field is clogged with grease, use **United 556 ZYME-TREAT** 6 gallons (approximately 25 litres) per each splitter box.

## United 556

# ZYME-TREAT

## WWT Super Concentrate

### Enzyme-Based Grease Pre-Digester

### Patented

**KEEP OUT OF REACH OF CHILDREN.**  
**CAUTION**  
**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.**

**PRECAUCION AL USARIO:**

*Si usted no puede leer Ingles, pregunte a alguien que le traduzca esta etiqueta para usted antes de uso.*

**UNITED LABORATORIES, INC.**  
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**FERRIC AND FERROUS SULFATE SPILLS AND STAINS:** May be cleaned with **ZYME-TREAT** at 10:1 dilution with a bucket and natural bristle brush, or with a high pressure washer using **United 556** at a 30:1 dilution. Lines and feed equipment may be cleaned using **United 556** at a 10:1 dilution. Very old stains will be lightened, but new spills (under 3 months) can almost always be removed.

**FERRIC AND FERROUS CHLORIDE SPILLS AND STAINS:** (Refer to the handling of ferric and ferrous sulfate.)

**BELT FILTER PRESSES, VACUUM FILTERS, AND PLATE AND FRAME PRESSES:** May be cleaned with **ZYME-TREAT** in a pressure washer with **United 556** at a 30:1 dilution, if using ferric or ferrous chloride, or ferric and ferrous sulfate as the coagulant. The **ZYME-TREAT** breaks the ferric or ferrous deposits from the filter media.

For applications on the wastewater process side, please contact our technical services group for assistance.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** Immediately flush with plenty of water for at least 15 minutes and seek medical attention.

**SKIN:** Wash with soap and plenty of water. If symptoms develop, seek medical attention.

**IF INHALED:** Remove patient to fresh air. If symptoms develop, seek medical attention.

**IF SWALLOWED:** DO NOT induce vomiting. Get medical attention immediately.

An MSDS for this product is available through United's website, [www.unitedlabsinc.com](http://www.unitedlabsinc.com), providing 24 hour access. Please read the MSDS carefully and follow all directions when using or handling this product. Never reuse empty containers. Incompatible materials may adversely react.

**United 556** is on the U.S. Environmental Protection Agency's NCP Product Schedule. This listing does NOT mean that the EPA approves, recommends, licenses, certifies, or authorizes the use of **United 556** on an oil discharge. The listing means only that data have been submitted to EPA as required by subpart J of the National Contingency Plan, 300.915. (Source 40 CFR section 300.920 (e))

<b>HMIS® III CODE:</b> 0=MINIMAL 1=SLIGHT 2=MODERATE 3=SERIOUS 4=SEVERE <b>PERSONAL PROTECTION INDEX:</b> Glasses	HEALTH	0
	FLAMMABILITY	0
	PHYSICAL HAZARD	0
	PERSONAL PROTECTION	B