

# STA-MULSE<sup>®</sup> SURFACE ACTIVE AGENTS

*Chemical  
Solutions for  
your Process  
Needs*



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## STA-MULSE<sup>®</sup> T-8741

### Product Description

**STA-MULSE<sup>®</sup> T-8741** is a unique surfactant system which performs as a “self-demulsifying” detergent. This is extremely useful in truck wash applications. In most oil/water separators, the following formulation “split” the oil and water into two phases without further treatment. The oil phase can then be skimmed off for recovery or disposal and not be sent to the sewage treatment plant.

### TYPICAL PROPERTIES

Color and Form hazy liquid

% Active 100

Specific gravity @ 20°C 0.99

### PRESSURE SPRAY TRUCKWASH

<u>Component</u>	<u>% by Weight</u>
Soft Water	81.5
Sodium Metasilicate Pentahydrate	4.2
EDTA (liquid 38%)	6.0*
<b>Tomah Q-17-2</b>	<b>1.0</b>
<b>Tomah AO-14-2</b>	<b>1.0</b>
<b>STA-MULSE<sup>®</sup> T-8741</b>	<b>2.0</b>
45% Caustic Potash	2.6
<b>Tomah Alkali Surfactant</b>	<b>1.7</b>

Although the information and recommendations set forth herein (hereinafter “Information”) are presented in good faith and believed to be correct as of the date hereof, ST Laboratories, Inc. makes no representation or warranties as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving the same will make their own determination as to its suitability for their purposes prior to use. In no event will ST Laboratories, Inc. be responsible for damages of any nature whatsoever resulting from the use or reliance upon Information.

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### Formula Description

This formulation uses the known synergy between the quaternary, Q-17-2, the amine oxide, AO-14-2 and the STA-MULSE<sup>®</sup> T-8741. Testing indicates that substitutions for the organic surfactants are not possible without hindering both the cleaning and the demulsification process. Addition of typical ethoxylated nonylphenols or alcohols eliminate the “self-demulsifying” power of the system. Builder changes are possible to suit changing conditions.

\* The level of EDTA in this revised formulation should be adequate for moderately hard water. If calcium salt buildup is a problem, use more EDTA. Suggested dilutions are 10-30:1 depending on soil conditions and water pressure.

### CAUTION

STA-MULSE<sup>®</sup> T-8741 will stratify upon extended storage. Simply warm to 75°F and mix with drum mixer prior to use.

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