



Direct Distributor

**CLEANSE IT ALL GLOBAL**  
 Environmentally Safer Cleansing Agents

### Technical Data

Nitrate Level:	0% - None
Form:	Liquid
Odor:	Slight Odor
Cold Stability:	-16° F
Detergency:	Moderate
Toxicity:	Non Toxic
Wetting Ability:	Excellent
Storage Stability:	1 Year+
Shipper Regulations:	None
Flash Point:	None
Boiling Point:	253° F
Solubility in Water:	100%
Carcinogens:	None
Volatile By Volume:	N/A
Biodegradable:	Yes/100%
Viscosity:	Thin

### Dilution Specifications

Light Cleaning: Dilute 5:1  
 Medium Cleaning: Dilute 3:1  
 Heavy Cleaning: Undiluted

It is important to regularly clean beer lines, faucets, and keg couplers to ensure the dispense of high quality beer. Pump water mixed with SapH WT into the beverage line and let it soak for 5 minutes. Then thoroughly flush the beverage line with water. Soak the keg coupler and faucet in water with SapH WT then brush clean with a cleaning brush and rinse with water.

#### Water Treatment:

As a general rule, one gallon of SapH WT introduced to 40,000 gallons of water will lower the pH by one unit. Of course, every water source is unique and results will vary.

### Toxicity Studies

Toxicity Limits: Test Procedure OECD 202, 48 hr. LC 50 and LD 50 (rat oral) scores found SaPH WT to be NON-TOXIC.

Mutagenicity Limits: OECD Guidelines Sec. 471 Chemicals SapH WT was found NOT TO BE MUTAGENIC

#### Dermal Irritation & Corrosion Test

Guidelines for the Testing of Chemicals Sec. 404 and complies with the requirements of OECD Principles of GLP, Annex revised as of July 1992.

SapH WT received a Primary Irritation Score of .09 +/-0.2 and is classified as a "Mild Skin Irritant"

#### Biodegradation & Aquatic Safety

Test Procedure: Hach Reactor Digestion method for Waste Water and Sea Water. Hach Reactor Digestion Method is a semi-micro adaptation of the Standard Methods.

Test Results Conclude SapH WT was found to be 100% Biodegradable

COD = Low Detectable Limits  
 BOD = No Detectable Limits

### Metal Studies

Dept. of Transportation (D.O.T.) Test Protocols as per Section 173.154 Exceptions for Class 8 (corrosive materials): The material being tested must be proven to be non-destructive or not to cause irreversible alterations in human skin tissue. Testing was conducted on an albino rabbit.

Conclusion: SapH WT was proven to be NON-DESTRUCTIVE on human skin tissue.

#### Metal Test Limits:

D.O.T. Classifies a material to be CORROSIVE if it has a corrosion rate that exceeds 6.25 mmpy on SAE C1020 carbon steel.

Results of SapH WT: SAE 1020 carbon steel = 0.59 mmpy  
 Y075-Y6 Aluminum = 0.59 mmpy

Conclusion: SapH WT is NON-CORROSIVE

### Classifications & Approvals

D.O.T., TDG, IMO, IATA, IMDG, SARA 313 311/312, California Prop 65 Non-Regulated

#### FDA

Approved as safe (GRAS)

#### USDA Authorization

A1, A2, A3, A4, A7, A8, C2, G6 & G7

Additional Studies & Results: When tested, SapH WT showed no potential for the generation of Carbon Dioxide under NIOSH 7903, OSHA & ACGIH testing protocols governing workplace environments.

### Guarantee

EMS guarantees this product to be free from urea hydrochloride, other organic salts and traditional acids, free from defects and true to its contents.

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