



# SAFETY DATA SHEET

## Section 1: Identification

Product Name: Mighty Summer Orange Low pH Presoak  
 Product Code: CW1002  
 Product Class: Low pH Pre-Soak  
 Manufacturer/Supplier: Mighty Distributing System of America  
 650 Engineering Drive  
 Norcross, GA 30092  
 Telephone: 800-829-3900  
 Emergency Telephone: CHEMTREC 800-424-9300

Date Prepared: August 16, 2016  
 Date of Review/Update:

## Section 2: Hazard Identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

### GHS Hazard Symbols:



GHS Classification: Corrosive 1C  
 Signal Word: Danger

### GHS Hazard Statements:

H302 + H312 Harmful if swallowed or in contact with skin  
 H314 Causes severe skin burns and eye damage  
 H373 May cause damage to liver, kidneys or blood through prolonged or repeated exposure.

### GHS Precautionary Statements:

P101 If medical advice is needed, have product container or label at hand.  
 P102 Keep out of reach of children.  
 P103 Read label before use.  
 P202 Do not handle until all safety precautions have been read and understood.  
 P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
 P264 Wash hands thoroughly after handling.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P306 + P360 IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.  
 P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P337 + P313 If eye irritation persists: Get medical advice/attention.  
 P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...  
 P361 + P364 Take off immediately all contaminated clothing and wash it before reuse.

### Signs and Symptoms of Exposure:

Eye: Irritation including tearing or redness.  
 Skin: Prolonged skin contact may cause irritation including redness, irritation, itching.  
 Ingestion: Gastrointestinal irritation, nausea, vomiting, and diarrhea, upset stomach.  
 Inhalation: Not a likely route of exposure, but if over-inhalation occurs symptoms would include nose, throat, respiratory irritation.  
 Medical Conditions Aggravated by Exposure: None known.

HMIS Rating: Health- 2    Fire- 0    Reactivity- 0    Personal Protection- C  
 0=Insignificant    1=Slight    2=Moderate    3=High    4=Extreme

## Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	% Range	OSHA PEL	ACGIH TLV
Dodecylbenzene Sulfonic Acid	27176-87-0	25-35	Not Established	Not Established
Beta Hydroxy Tricarboxylic Acid	77-92-9	10-20	Not Established	Not Established
Monoethanolamine	141-43-5	5-10	3ppm	3ppm
2-Butoxyethanol	111-76-2	5-10	Skin - 50ppm	Skin - 20ppm

#### Section 4: First Aid Measures

Eye Contact: Flush with large amounts of water for 15 minutes. If symptoms develop, seek medical attention.  
Skin Contact: Wash affected area with water for 15 minutes. Remove contaminated clothing and launder before reuse.  
Ingestion: Never give anything by mouth to an unconscious person. If person is conscious then give several glasses of water. Do not induce vomiting. Keep warm and quiet. Seek medical attention.  
Inhalation: Remove from exposure. Seek fresh air. Keep warm and quiet. If symptoms worsen seek medical attention.

#### Section 5: Fire-Fighting Measures

Fire and Explosive Properties: Flash Point: None / Estimate Flammable Limits: LEL / UEL: Not applicable  
Extinguishing Media: Not applicable Protective Equipment: Not applicable

#### Section 6: Accidental Release Measures

Steps to be taken if Material is Spilled or Leaked: Ventilate and remove with inert absorbent.

#### Section 7: Handling and Storage

Precautions to be taken in Handling and Storage:  
Never wear soaked clothing. Launder or dry-clean before wearing. Affix proper warning labels on containers in accordance with 29CFR 1010.1200.

#### Section 8: Exposure Controls and Personal Protection

Ventilation: Use only with adequate ventilation. Avoid breathing vapor or mist. Local exhaust preferred.  
Respirator Protection: If required, a properly fitted NIOSH/MSHA approved respirator rated for the hazardous ingredients found in SECTION 3.  
Skin Protection: Gloves rated for protection against ingredients in SECTION 3.  
Eye Protection: Safety glasses with side shields or chemical goggles.

#### Section 9: Physical and Chemical Properties

Boiling Point:	212°F	Vapor Pressure (mmHg @ 68°F):	Unknown
Vapor Density:	Unknown	Solubility in Water:	Complete
Specific Gravity:	1.06 ± 0.05	Melting Point:	Not Applicable
% Volatile:	65.0 ± 0.5	pH:	2.5 ± 0.5
Appearance/Odor:	Orange Thin Liquid, Citrus Odor.		

#### Section 10: Stability and Reactivity

Stability: Stable Materials to Avoid: Strong oxidizers.  
Hazardous Polymerization: Will not occur. Conditions to Avoid: Strong oxidizers.  
Hazardous Decomposition Products: Various hydrocarbons of incomplete combustion.

#### Section 11: Toxicology Information

IARC, OSHA, NTP Carcinogen: No known carcinogenic effects to humans.

#### Section 12: Ecological Information

No Data

#### Section 13: Disposal Considerations

Waste Disposal: Dispose of in accordance with federal, state and local regulations.

#### Section 14: Transport Information

D.O.T. REQUIREMENTS (49CFR 172.101): Not regulated

#### Section 15: Regulatory Information

RQ (REPORTABLE QUANTITY) 49CFR 172.101:

<u>COMPONENT</u>	<u>RQ (lb.)</u>	<u>OF THIS PRODUCT</u>
Dodecylbenzene Sulfonic Acid	1000	25,000

TSCA (Toxic Substances Control Act) Status: The intentional ingredients of this product are listed.

CERCLA RQ - 40CFR 302.4:

<u>COMPONENT</u>	<u>RQ (lb.)</u>	<u>OF THIS PRODUCT</u>
Dodecylbenzene Sulfonic Acid	1000	25,000

SARA 302 COMPONENTS - 40CFR 355 Appendix A:

SECTION 311/312 HAZARD CLASS - 40CFR 370.2

Immediate	(X)	Reactive	( )
Delayed	(X)	Sudden Release of Pressure	( )
Fire	( )		

SARA 313 COMPONENTS - 40CFR 372.65:

<u>Component</u>	<u>CAS #</u>	<u>% Range</u>
Glycol Ether (2-Butoxyethanol)	111-76-2	5-10

WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)

<u>Ingredient</u>	<u>Max. % By Wt.</u>	<u>LD50</u>	<u>LC50</u>
Dodecylbenzene Sulfonic Acid	27176-87-0 25-35	Oral-Rat - 650mg/kg	Not Established
Beta Hydroxy Tricarboxylic Acid	77-92-9 10-20	Oral-Rat - 3gm/kg	Not Established
Monoethanolamine	141-43-5 5-10	Oral-Rat - 1720mg/kg	Not Established
2-Butoxyethanol	111-76-2 5-10	Oral-Rat - 470mg/kg	Inhal Rat - 450ppm/4H

CALIFORNIA PROPOSITION 65:       None

**Section 16: Other Information**

Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.