



# User-Prepared Solution Safety Summary Sheet

Revision Date: 10-Dec-2018

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** **ORANGE TOUGH 40 USER-PREPARED SOLUTION (1:10)**  
Diluted at 1:10 (or greater) in water

**Manufacturer/Supplier:** Spartan Chemical Company, Inc.  
1110 Spartan Drive  
Maumee, Ohio 43537 USA  
800-537-8990 (Business hours)  
[www.spartanchemical.com](http://www.spartanchemical.com)

**Medical Emergency/Information:** 888-314-6171

## 2. HAZARDS IDENTIFICATION

### GHS Classification

Skin Sensitization: Category 1

### GHS Label Elements

Signal Word:

**Warning**

Symbols:



### Hazard Statements:

May cause an allergic skin reaction

### Precautionary Statements:

#### Prevention:

Avoid breathing dust/fume/gas/mist/vapors/spray  
Contaminated work clothing should not be allowed out of the workplace  
Wear protective gloves

#### Response:

##### -Skin

IF ON SKIN: Wash with plenty of soap and water If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse.

##### -Specific Treatment:

See Safety Summary Sheet Section 4: "First Aid Measures" for additional information.

#### Storage:

Not Applicable

#### Disposal:

Dispose of contents and container in accordance with local, state and federal regulations.

**Hazards Not Otherwise Classified:** Not Applicable

#### Other Information:

May be harmful if swallowed. May cause eye irritation. May cause skin irritation. Inhalation of vapors or mist may cause respiratory irritation. Keep out of reach of children.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	90-100
Limonene	5989-27-5	1-5
C13-14 Isoparaffin	64742-47-8	1-5
Triethanolamine	102-71-6	0.1-1.0
C12-13 Pareth-5	66455-14-9	0.1-1.0

C9-11 Pareth-6	68439-46-3	0.1-1.0
Alkylbenzene sulfonic acid	68584-22-5	0.1-1.0
Hexylene Glycol	107-41-5	0.1-1.0
Butoxyethanol	111-76-2	0.1-1.0
Ethylhexyloxyethanol	1559-35-9	0.1-1.0
Tetrasodium EDTA	64-02-8	0.1-1.0
Cyclocarboxypropyloleic acid	53980-88-4	0.1-1.0
Potassium hydroxide	1310-58-3	0-0.1
Diethylene glycol mono(2-ethylhexyl) ether	1559-36-0	0-0.1
Colorant	PROPRIETARY	0-0.1
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**4. FIRST AID MEASURES**

- Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
- Skin Contact:** Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse.
- Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.
- Ingestion:** Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.
- Note to Physicians:** Treat symptomatically.

**5. PERSONAL PROTECTIVE EQUIPMENT (PPE)**

- Eye/Face Protection:** Wear splash goggles.
- Skin and Body Protection:** Wear rubber or other chemical-resistant gloves.
- Respiratory Protection:** Not required with expected use. If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.
- General Hygiene Considerations:** Wash hands and any exposed skin thoroughly after handling. See 29 CFR 1910.132-138 for further guidance.

**6. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Color:</b>	Light orange
<b>Odor:</b>	Orange
<b>pH:</b>	8.5-9.5
<b>Flash Point:</b>	> 100 °C / > 212 °F
<b>Specific Gravity:</b>	0.98

**7. OTHER INFORMATION**

**NFPA** Health Hazards: 1      **Flammability:** 0      **Instability:** 0      **Special:** N/A  
**HMIS** Health Hazards: 1\*      **Flammability:** 0      **Physical Hazards:** 0

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**Reasons for Revision:** Revised formula