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Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** H<sub>2</sub>O<sub>2</sub> Orange Multi-Purpose Cleaner RTU

### Other means of identification

**SDS #** WC-043  
**Product Code** #101

### Recommended use of the chemical and restrictions on use

**Recommended Use** Peroxide cleaner/deodorizer.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Wepak Corporation  
314 W. Bland St.  
Charlotte, NC 28203

### Emergency Telephone Number

**Company Phone Number** 1-800-438-4270  
**Emergency Telephone (24 hr)** 1-800-438-4270

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear liquid

**Physical State** Liquid

**Odor** Citrus

### Classification

|                    |            |
|--------------------|------------|
| Skin sensitization | Category 1 |
|--------------------|------------|

### Signal Word

Warning

### 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

### Precautionary Statements - Response

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

### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name      | CAS No      | Weight-%    |
|--------------------|-------------|-------------|
| Surfactant Mixture | Proprietary | Proprietary |
| Hydrogen Peroxide  | 7722-84-1   | Proprietary |
| d-Limonene         | 5989-27-5   | Proprietary |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 4. FIRST-AID MEASURES

#### First Aid Measures

|                     |   |
|---------------------|---|
| <b>Eye Contact</b>  | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention.  |
| <b>Skin Contact</b> | Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. |
| <b>Inhalation</b>   | Remove to fresh air. Call a physician immediately.  |
| <b>Ingestion</b>    | Do not induce vomiting. Call a physician or poison control center immediately.  |

#### Most important symptoms and effects

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | Contact will cause irritation and redness to exposed areas. |
|-----------------|---|

#### Indication of any immediate medical attention and special treatment needed

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

**Unsuitable Extinguishing Media** Not determined.

#### Specific Hazards Arising from the Chemical

None known.

#### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

|                             |  |
|-----------------------------|--|
| <b>Personal Precautions</b> | Use personal protective equipment as required. |
|-----------------------------|--|

#### Methods and material for containment and cleaning up

|                                |   |
|--------------------------------|---|
| <b>Methods for Containment</b> | Prevent further leakage or spillage if safe to do so.   |
| <b>Methods for Clean-Up</b>    | Contain and collect with an inert absorbent and place into an appropriate container for disposal. Dispose of in accordance with federal, state and local regulations. |

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on Safe Handling** Wash thoroughly after handling. Use personal protection recommended in Section 8. Contaminated work clothing should not be allowed out of the workplace. Avoid breathing vapors or mists.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store at room temperature.

**Incompatible Materials** Metals. Reducing agents. Strong alkalis. Aluminum. Copper.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

| Chemical Name                  | ACGIH TLV  | OSHA PEL   | NIOSH IDLH   |
|--------------------------------|------------|--|--|
| Hydrogen Peroxide<br>7722-84-1 | TWA: 1 ppm | TWA: 1 ppm<br>TWA: 1.4 mg/m <sup>3</sup><br>(vacated) TWA: 1 ppm<br>(vacated) TWA: 1.4 mg/m <sup>3</sup> | IDLH: 75 ppm<br>TWA: 1 ppm<br>TWA: 1.4 mg/m <sup>3</sup> |

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Splash goggles or safety glasses.

**Skin and Body Protection** Wear rubber or neoprene gloves.

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|                       |              |                       |                |
|-----------------------|--------------|-----------------------|----------------|
| <b>Physical State</b> | Liquid       | <b>Odor</b>           | Citrus         |
| <b>Appearance</b>     | Clear liquid | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | Clear        |                       |                |

| <u>Property</u>              | <u>Values</u>         | <u>Remarks • Method</u> |
|------------------------------|-----------------------|-------------------------|
| pH                           | 6.5-7.0               |                         |
| Melting Point/Freezing Point | Not available         |                         |
| Boiling Point/Boiling Range  | 100 °C / 212 °F       |                         |
| Flash Point                  | None to boiling point |                         |
| Evaporation Rate             | Not available         |                         |
| Flammability (Solid, Gas)    | n/a-liquid            |                         |
| Upper Flammability Limits    | Not determined        |                         |
| Lower Flammability Limit     | Not determined        |                         |
| Vapor Pressure               | Not determined        |                         |
| Vapor Density                | Not determined        |                         |
| Specific Gravity             | 1.01                  | (1=Water)               |

| <u>Property</u>                     | <u>Values</u>      | <u>Remarks • Method</u> |
|-------------------------------------|--------------------|-------------------------|
| <b>Water Solubility</b>             | Completely soluble |                         |
| <b>Solubility in other solvents</b> | Not determined     |                         |
| <b>Partition Coefficient</b>        | Not determined     |                         |
| <b>Auto-ignition Temperature</b>    | Not determined     |                         |
| <b>Decomposition Temperature</b>    | Not determined     |                         |
| <b>Kinematic Viscosity</b>          | Not determined     |                         |
| <b>Dynamic Viscosity</b>            | Not determined     |                         |
| <b>Explosive Properties</b>         | Not determined     |                         |
| <b>Oxidizing Properties</b>         | Not determined     |                         |

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

**Hazardous Polymerization** Hazardous polymerization does not occur.

### Conditions to Avoid

Contact with incompatible materials.

### Incompatible Materials

Metals. Reducing agents. Strong alkalis. Aluminum. Copper.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |                                      |
|---------------------|--------------------------------------|
| <b>Eye Contact</b>  | Avoid contact with eyes.             |
| <b>Skin Contact</b> | May cause an allergic skin reaction. |
| <b>Inhalation</b>   | Avoid breathing vapors or mists.     |
| <b>Ingestion</b>    | Do not taste or swallow.             |

### Component Information

| <u>Chemical Name</u>           | <u>Oral LD50</u>    | <u>Dermal LD50</u>      | <u>Inhalation LC50</u>           |
|--------------------------------|---------------------|-------------------------|----------------------------------|
| Surfactant Mixture             | -                   | = 1800 µL/kg ( Rabbit ) | -                                |
| Hydrogen Peroxide<br>7722-84-1 | = 801 mg/kg ( Rat ) | = 2000 mg/kg ( Rabbit ) | = 2 g/m <sup>3</sup> ( Rat ) 4 h |
| d-Limonene<br>5989-27-5        | -                   | > 5 g/kg ( Rabbit )     | -                                |

### Information on physical, chemical and toxicological effects

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** May cause an allergic skin reaction.

**Carcinogenicity** Not classifiable as a human carcinogen.

| Chemical Name                  | ACGIH | IARC    | NTP | OSHA |
|--------------------------------|-------|---------|-----|------|
| Hydrogen Peroxide<br>7722-84-1 | A3    | Group 3 |     |      |
| d-Limonene<br>5989-27-5        |       | Group 3 |     | X    |

**Legend**

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 3 IARC components are "not classifiable as human carcinogens"

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

**Numerical measures of toxicity**

Not determined

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

| Chemical Name                  | Algae/aquatic plants | Fish   | Toxicity to microorganisms | Crustacea                                    |
|--------------------------------|----------------------|--|----------------------------|--|
| Hydrogen Peroxide<br>7722-84-1 |                      | 16.4: 96 h Pimephales promelas mg/L LC50 18 - 56: 96 h Lepomis macrochirus mg/L LC50 static 10.0 - 32.0: 96 h Oncorhynchus mykiss mg/L LC50 static |                            | 18 - 32: 48 h Daphnia magna mg/L EC50 Static |
| d-Limonene<br>5989-27-5        |                      | 0.619 - 0.796: 96 h Pimephales promelas mg/L LC50 flow-through 35: 96 h Oncorhynchus mykiss mg/L LC50  |                            |  |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

- Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.
- Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**US EPA Waste Number**

| Chemical Name      | RCRA | RCRA - Basis for Listing          | RCRA - D Series Wastes | RCRA - U Series Wastes |
|--------------------|------|-----------------------------------|------------------------|------------------------|
| Surfactant Mixture |      | Included in waste stream:<br>K060 |                        |                        |

**California Hazardous Waste Status**

| Chemical Name                  | California Hazardous Waste Status           |
|--------------------------------|---|
| Hydrogen Peroxide<br>7722-84-1 | Toxic<br>Corrosive<br>Ignitable<br>Reactive |
| d-Limonene<br>5989-27-5        | Toxic                                       |

**14. TRANSPORT INFORMATION**

- DOT** Not regulated
- IATA** Not regulated
- IMDG** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

Not determined

**US Federal Regulations**

**CERCLA**

| Chemical Name                  | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|--------------------------------|--------------------------|----------------|--------------------------|
| Hydrogen Peroxide<br>7722-84-1 |                          | 1000 lb        |                          |

**SARA 313**

Not determined

**US State Regulations**

**U.S. State Right-to-Know Regulations**

| Chemical Name                  | New Jersey | Massachusetts | Pennsylvania |
|--------------------------------|------------|---------------|--------------|
| Hydrogen Peroxide<br>7722-84-1 | X          | X             | X            |

**16. OTHER INFORMATION**

|                    |   |                                       |                                      |  |
|--------------------|---|---------------------------------------|--------------------------------------|--|
| <u><b>NFPA</b></u> | <b>Health Hazards</b><br>Not determined | <b>Flammability</b><br>Not determined | <b>Instability</b><br>Not determined | <b>Special Hazards</b><br>Not determined     |
| <u><b>HMIS</b></u> | <b>Health Hazards</b><br>2              | <b>Flammability</b><br>0              | <b>Physical Hazards</b><br>0         | <b>Personal Protection</b><br>Not determined |

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**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**