# 1 PRODUCT AND COMPANY IDENTIFICATION

Supplier Details: Hibrett Puratex  
7001 Westfield Avenue  
Pennsauken, NJ 08110  

Emergency: Infotrac 800-535-5053  
Phone: 856-662-1717  
Fax: 856-662-0550  
Web: www.hibrettpuratex.com

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# 2 HAZARDS IDENTIFICATION

## Classification of the substance or mixture

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):**
- Health, Serious Eye Damage/Eye Irritation, 1
- Health, Skin corrosion/irritation, 1A
- Health, Acute toxicity, 4 Oral
- Health, Acute toxicity, 5 Inhalation
- Physical, Oxidizing Liquids, 1

**GHS Label elements, including precautionary statements**

**GHS Hazard Pictograms:**

- [Flame]
- [Axe]
- [Exclamation]

**GHS Hazard Statements:**
- H318 - Causes serious eye damage
- H314 - Causes severe skin burns and eye damage
- H302 - Harmful if swallowed
- H333 - May be harmful if inhaled
- H271 - May cause fire or explosion; strong oxidizer

**GHS Precautionary Statements:**
- P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
- P270 - Do not eat, drink or smoke when using this product.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P301 + 312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P301 + 330 + 331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P303 + 361 + 353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304 + 340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Continue rinsing.
- P305 + 351 + 338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P306 + 360 - IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
- P310 - Immediately call a POISON CENTER or doctor/physician.
- P363 - Wash contaminated clothing before reuse.

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# 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:**

<table>
<thead>
<tr>
<th>Cas#</th>
<th>%</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>7722-84-1</td>
<td></td>
<td>Hydrogen peroxide</td>
</tr>
<tr>
<td>7732-18-5</td>
<td></td>
<td>Water</td>
</tr>
</tbody>
</table>

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Revision Date: 7/10/2015
FIRST AID MEASURES

Inhalation: Get immediate medical attention. Give oxygen or artificial respiration if needed. If discomfort is experienced from overexposure; leave area immediately. If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

Skin Contact: Chemical burns must be treated by a physician. Promptly flush skin with water until all chemical is removed. Remove contaminated clothing and wash before reuse.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention.

Ingestion: Seek immediate medical attention Rinse mouth with water.

FIRE FIGHTING MEASURES

Flash Point: Non-flammable

non flammable, noncombustible solution but a strong oxidizer. dangerous fire and explosion risk when in contact with combustible materials.

in case of fire: use a tri-class dry chemical fire extinguisher.

in case of large fire, evacuate and fight fire remotely due to risk of explosion.

ACCIDENTAL RELEASE MEASURES

Avoid contact with eyes.

Evacuate area.

Pick up excess with inert absorbent material and place into separate waste container.

Waste Disposal Method

Bury in land fill. Liquid should be incinerated or buried in land fill. Dispose of in accordance with local, state and federal regulations.

Do not discharge into drains.

HANDLING AND STORAGE

Handling Precautions: Avoid breathing vapors or mist. Avoid contact with eyes, skin, or clothing. Keep material out of reach of children. Observe good industrial hygiene practices. Wash clothing before reuse and decontaminate or discard contaminated shoes.

Storage Requirements: Dark plastic containers; Keep closed when not in use. Protect from excessive heat and freezing.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment:

HMIS PP, D | Face Shield and Eye Protection, Gloves, Apron

Hydrogen peroxide (7722-84-1) [33%]

Components with workplace control parameters

TWA 1 ppm USA. ACGIH Threshold Limit Values (TLV)

Eye, skin, & Upper Respiratory Tract irritation

Confirmed animal carcinogen with unknown relevance to humans

TWA 1 ppm USA. NIOSH Recommended Exposure Limits

1.4 mg/m3

TWA 1 ppm USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air

1.4 mg/m3
Contaminants
The value in mg/m3 is approximate.

<table>
<thead>
<tr>
<th>TWA</th>
<th>1 ppm</th>
<th>USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.4 mg/m3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Water (7732-18-5) [67%] : no data available

### PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Appearance:</th>
<th>Colorless liquid. Clear</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State:</td>
<td>Liquid</td>
</tr>
<tr>
<td>Spec Grav./Density:</td>
<td>1.102</td>
</tr>
<tr>
<td>Odor:</td>
<td>NONE</td>
</tr>
</tbody>
</table>

### STABILITY AND REACTIVITY

Reactivity: Stable under recommended storage conditions.

Chemical Stability: Product is stable under normal conditions.

Conditions to Avoid: Do not mix with other cleaning compounds. Do not mix with strong acids. Keep out of reach of children. Excessive heat

Materials to Avoid: Strong Acids; Strong Bases (causes chemical oxidation of the drug);

### TOXICOLOGICAL INFORMATION

Hydrogen peroxide (7722-84-1) [33%]

Information on toxicological effects

Acute toxicity: no data available

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Hydrogen peroxide)

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: Not available
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Liver - Irregularities - Based on Human Evidence
Stomach - Irregularities - Based on Human Evidence (Hydrogen peroxide)

### ECOLOGICAL INFORMATION

Hydrogen peroxide (7722-84-1) [33%]

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

### DISPOSAL CONSIDERATIONS

Recommendation: consultation with the disposal agency and the relevant authorities; cleansing agent is water. Suitable waste-disposal site approved by local authorities. Suitable waste-disposal site approved by local authorities. Dispose of in accordance with local regulations.

### TRANSPORT INFORMATION

UN2014, Hydrogen peroxide, aqueous solutions with not less than 20 percent but not more than 40 percent hydrogen peroxide (stabilized as necessary), 5.1.(8), PGII

### REGULATORY INFORMATION

Component (CAS#) [%] - CODES

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<th>CODES</th>
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<tr>
<td>Hydrogen peroxide</td>
<td>33%</td>
<td>EHS302, MASS, NJHS, OSHAPSM, OSHAWAC, PA, TSCA, TXAIR</td>
</tr>
<tr>
<td>Water</td>
<td>67%</td>
<td>TSCA</td>
</tr>
</tbody>
</table>

Regulatory CODE Descriptions

- EHS302 = Extremely Hazardous Substance
- MASS = MA Massachusetts Hazardous Substances List
- NJHS = NJ Right-to-Know Hazardous Substances
- OSHAPSM = OSHA Chemicals Requiring process safety management
- OSHAWAC = OSHA Workplace Air Contaminants
- PA = PA Right-To-Know List of Hazardous Substances
- TSCA = Toxic Substances Control Act
- TXAIR = TX Air Contaminants with Health Effects Screening Level

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