SECTION 1: Identification

1.1. Product identifier
3M™ Peroxide Cleaner Ready-to-Use  (Product No. 34, 3M(TM) Chemical Management Systems)

Product Identification Numbers
LN-D100-1258-9, 61-0000-6319-0
7010290117

1.2. Recommended use and restrictions on use

Recommended use
Hard Surface Cleaner
Peroxide Cleaning Solution. No fragrance added.

This bottle contains a use dilution of a product that, when dispensed through the 3M Twist-n-Fill™ system, meets Green Seal™ Standard GS-37 based on effective performance, concentrated volume, minimized/recycled packaging, and protective limits on: VOCs and human & environmental toxicity. Skin/eye damage met requirements at the as-used dilution, as specified for closed dilution systems. GreenSeal.org.

1.3. Supplier’s details
MANUFACTURER: 3M
DIVISION: Commercial Solutions Division
ADDRESS: 3M Center, St. Paul, MN 55144-1000, USA
Telephone: 1-888-3M HELPS (1-888-364-3577)

1.4. Emergency telephone number
1-800-364-3577 or (651) 737-6501 (24 hours)

SECTION 2: Hazard identification

2.1. Hazard classification

2.2. Label elements
Signal word
Not applicable.

Symbols
Not applicable.

**Pictograms**
Not applicable.

### SECTION 3: Composition/information on ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>C.A.S. No.</th>
<th>% by Wt</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER</td>
<td>7732-18-5</td>
<td>&gt; 99 Trade Secret *</td>
</tr>
<tr>
<td>ETHOXYLATED C9-11 ALCOHOLS</td>
<td>68439-46-3</td>
<td>&lt; 1 Trade Secret *</td>
</tr>
<tr>
<td>HYDROGEN PEROXIDE</td>
<td>7722-84-1</td>
<td>&lt; 0.1 Trade Secret *</td>
</tr>
<tr>
<td>1-HYDROXYETHANE-1,1-DIPHOSPHONIC ACID</td>
<td>2809-21-4</td>
<td>&lt; 0.1 Trade Secret *</td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>1310-73-2</td>
<td>&lt; 0.1 Trade Secret *</td>
</tr>
</tbody>
</table>

*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

### SECTION 4: First aid measures

**4.1. Description of first aid measures**

**Inhalation:**
No need for first aid is anticipated.

**Skin Contact:**
Wash with soap and water. If signs/symptoms develop, get medical attention.

**Eye Contact:**
No need for first aid is anticipated.

**If Swallowed:**
No need for first aid is anticipated.

**4.2. Most important symptoms and effects, both acute and delayed**
See Section 11.1. Information on toxicological effects.

**4.3. Indication of any immediate medical attention and special treatment required**
Not applicable.

### SECTION 5: Fire-fighting measures

**5.1. Suitable extinguishing media**
Material will not burn. Use a fire fighting agent suitable for the surrounding fire.

**5.2. Special hazards arising from the substance or mixture**
None inherent in this product.

**5.3. Special protective actions for fire-fighters**
No special protective actions for fire-fighters are anticipated.

### SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**
Ventilate the area with fresh air. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions
Avoid release to the environment.

6.3. Methods and material for containment and cleaning up
Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
For industrial or professional use only. NOTE: The above precautionary information presumes that this ready-to-use product has been diluted and dispensed from a chemical dispensing system. Keep out of reach of children. Avoid release to the environment.

7.2. Conditions for safe storage including any incompatibilities
No special storage requirements.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits
If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>C.A.S. No.</th>
<th>Agency</th>
<th>Limit type</th>
<th>Additional Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Hydroxide</td>
<td>1310-73-2</td>
<td>ACGIH</td>
<td>CEIL:2 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>1310-73-2</td>
<td>OSHA</td>
<td>TWA:2 mg/m3</td>
<td></td>
</tr>
<tr>
<td>HYDROGEN PEROXIDE</td>
<td>7722-84-1</td>
<td>ACGIH</td>
<td>TWA:1 ppm</td>
<td>A3: Confirmed animal carcin.</td>
</tr>
<tr>
<td>HYDROGEN PEROXIDE</td>
<td>7722-84-1</td>
<td>OSHA</td>
<td>TWA:1.4 mg/m3(1 ppm)</td>
<td></td>
</tr>
</tbody>
</table>

ACGIH : American Conference of Governmental Industrial Hygienists
AIHA : American Industrial Hygiene Association
CMRG : Chemical Manufacturer's Recommended Guidelines
OSHA : United States Department of Labor – Occupational Safety and Health Administration
TWA: Time-Weighted-Average
STEL: Short Term Exposure Limit
CEIL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls
Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection
Under normal use conditions, eye exposure is not expected to be significant enough to require eye protection.
Skin/hand protection  
Under normal use conditions, skin exposure is not expected to be significant enough to require skin protection.

Respiratory protection  
If product is not used with a chemical dispensing system or if there is an accidental release:  
NOTE: When used with a chemical dispensing system as directed, respiratory protection is not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

General Physical Form: Liquid
Odor, Color, Grade: Clear liquid
Odor threshold: No Data Available
pH: 7
Melting point: Not Applicable
Boiling Point: <=211.97 °F
Flash Point: No flash point
Evaporation rate: No Data Available
Flammability (solid, gas): Not Applicable
Flammable Limits(LEL): No Data Available
Flammable Limits(UEL): No Data Available
Vapor Pressure: No Data Available
Vapor Density: No Data Available
Density: 1 g/cm³
Specific Gravity: 1 [Ref Std: WATER=1]
Solubility In Water: No Data Available
Solubility- non-water: No Data Available
Partition coefficient: n-octanol/ water: No Data Available
Autoignition temperature: No Data Available
Decomposition temperature: No Data Available
Viscosity: No Data Available
Bulk density: No Data Available
Volatile Organic Compounds: < 0.01 % weight
VOC Less H₂O & Exempt Solvents: < 100 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity
This material is considered to be non reactive under normal use conditions.

10.2. Chemical stability
Stable.

10.3. Possibility of hazardous reactions
Hazardous polymerization will not occur.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products

<table>
<thead>
<tr>
<th>Substance</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>None known.</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1. Information on Toxicological effects

**Signs and Symptoms of Exposure**

Based on test data and/or information on the components, this material may produce the following health effects:

**Inhalation:**
No known health effects.

**Skin Contact:**
Contact with the skin during product use is not expected to result in significant irritation.

**Eye Contact:**
Contact with the eyes during product use is not expected to result in significant irritation.

**Ingestion:**
No known health effects.

**Toxicological Data**
If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

### Acute Toxicity

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall product</td>
<td>Dermal</td>
<td>No data available; calculated ATE &gt;5,000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Overall product</td>
<td>Inhalation-Vapor(4 hr)</td>
<td>No data available; calculated ATE &gt;50 mg/l</td>
<td></td>
</tr>
<tr>
<td>Overall product</td>
<td>Ingestion</td>
<td>No data available; calculated ATE &gt;5,000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>ETHOXYLATED C9-11 ALCOHOLS</td>
<td>Dermal</td>
<td>Rabbit</td>
<td>LD50 &gt; 2,000 mg/kg</td>
</tr>
<tr>
<td>ETHOXYLATED C9-11 ALCOHOLS</td>
<td>Ingestion</td>
<td>Rat</td>
<td>LD50 1,378 mg/kg</td>
</tr>
<tr>
<td>HYDROGEN PEROXIDE</td>
<td>Dermal</td>
<td>Rabbit</td>
<td>LD50 &gt; 2,000 mg/kg</td>
</tr>
<tr>
<td>HYDROGEN PEROXIDE</td>
<td>Inhalation-Dust/Mist (4 hours)</td>
<td>Rat</td>
<td>LC50 2 mg/l</td>
</tr>
<tr>
<td>HYDROGEN PEROXIDE</td>
<td>Ingestion</td>
<td>Rat</td>
<td>LD50 1,193 mg/kg</td>
</tr>
</tbody>
</table>

ATE = acute toxicity estimate

### Skin Corrosion/Irritation

<table>
<thead>
<tr>
<th>Name</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHOXYLATED C9-11 ALCOHOLS</td>
<td>Rabbit</td>
<td>Irritant</td>
</tr>
<tr>
<td>HYDROGEN PEROXIDE</td>
<td>Rabbit</td>
<td>Corrosive</td>
</tr>
</tbody>
</table>
### Sodium Hydroxide

**Species**: Rabbit  
**Value**: Corrosive

#### Serious Eye Damage/Irritation

<table>
<thead>
<tr>
<th>Name</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHOXYLATED C9-11 ALCOHOLS</td>
<td></td>
<td>Corrosive</td>
</tr>
<tr>
<td>HYDROGEN PEROXIDE</td>
<td></td>
<td>Corrosive</td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td></td>
<td>Corrosive</td>
</tr>
</tbody>
</table>

#### Skin Sensitization

<table>
<thead>
<tr>
<th>Name</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHOXYLATED C9-11 ALCOHOLS</td>
<td>Guinea pig</td>
<td>Not classified</td>
</tr>
<tr>
<td>HYDROGEN PEROXIDE</td>
<td>Guinea pig</td>
<td>Not classified</td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>Human</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

#### Respiratory Sensitization

For the component/components, either no data are currently available or the data are not sufficient for classification.

#### Germ Cell Mutagenicity

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHOXYLATED C9-11 ALCOHOLS</td>
<td>In Vitro</td>
<td>Not mutagenic</td>
</tr>
<tr>
<td>HYDROGEN PEROXIDE</td>
<td>In vivo</td>
<td>Not mutagenic</td>
</tr>
<tr>
<td>HYDROGEN PEROXIDE</td>
<td>In Vitro</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>In Vitro</td>
<td>Not mutagenic</td>
</tr>
</tbody>
</table>

#### Carcinogenicity

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>HYDROGEN PEROXIDE</td>
<td>Dermal</td>
<td>Multiple animal species</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
</tr>
<tr>
<td>HYDROGEN PEROXIDE</td>
<td>Ingestion</td>
<td>Mouse</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
</tr>
</tbody>
</table>

#### Reproductive Toxicity

##### Reproductive and/or Developmental Effects

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Value</th>
<th>Species</th>
<th>Test Result</th>
<th>Exposure Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHOXYLATED C9-11 ALCOHOLS</td>
<td>Dermal</td>
<td>Not classified for female reproduction</td>
<td>Rat</td>
<td>NOAEL 250 mg/kg/day</td>
<td>2 generation</td>
</tr>
<tr>
<td>ETHOXYLATED C9-11 ALCOHOLS</td>
<td>Dermal</td>
<td>Not classified for development</td>
<td>Rat</td>
<td>NOAEL 250 mg/kg/day</td>
<td>2 generation</td>
</tr>
<tr>
<td>ETHOXYLATED C9-11 ALCOHOLS</td>
<td>Dermal</td>
<td>Not classified for male reproduction</td>
<td>Rat</td>
<td>NOAEL 100 mg/kg/day</td>
<td>2 generation</td>
</tr>
<tr>
<td>HYDROGEN PEROXIDE</td>
<td>Ingestion</td>
<td>Not classified for female reproduction</td>
<td>Rat</td>
<td>LOAEL 5 mg/kg/day</td>
<td>6 months</td>
</tr>
<tr>
<td>HYDROGEN PEROXIDE</td>
<td>Ingestion</td>
<td>Not classified for male reproduction</td>
<td>Rat</td>
<td>LOAEL 5 mg/kg/day</td>
<td>6 months</td>
</tr>
<tr>
<td>HYDROGEN PEROXIDE</td>
<td>Ingestion</td>
<td>Not classified for development</td>
<td>Rat</td>
<td>LOAEL 5 mg/kg/day</td>
<td>during gestation</td>
</tr>
</tbody>
</table>

#### Target Organ(s)

**Specific Target Organ Toxicity - single exposure**
### Specific Target Organ Toxicity - repeated exposure

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Target Organ(s)</th>
<th>Value</th>
<th>Species</th>
<th>Test Result</th>
<th>Exposure Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHOXYLATED C9-11 ALCOHOLS</td>
<td>Dermal</td>
<td>kidney and/or bladder</td>
<td>hematopoietic system</td>
<td>Rat</td>
<td>NOAEL 125 mg/kg/day</td>
<td>13 weeks</td>
</tr>
<tr>
<td>HYDROGEN PEROXIDE</td>
<td>Ingestion</td>
<td>hematopoietic system</td>
<td>Not classified</td>
<td>Rat</td>
<td>NOEL 0.005 mg/kg/day</td>
<td>6 months</td>
</tr>
<tr>
<td>HYDROGEN PEROXIDE</td>
<td>Ingestion</td>
<td>liver</td>
<td>kidney and/or bladder</td>
<td>Not classified</td>
<td>Mouse</td>
<td>NOAEL Not available</td>
</tr>
</tbody>
</table>

**Aspiration Hazard**

For the component/components, either no data are currently available or the data are not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

### SECTION 12: Ecological information

**Ecotoxicological information**

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

**Chemical fate information**

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

### SECTION 13: Disposal considerations

**13.1. Disposal methods**

Dispose of contents/container in accordance with the local/regional/national/international regulations.

Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Dispose of waste product in a permitted industrial waste facility. Empty and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements.

**EPA Hazardous Waste Number (RCRA):** Not regulated

### SECTION 14: Transport Information

For Transport Information, please visit [http://3M.com/Transportinfo](http://3M.com/Transportinfo) or call 1-800-364-3577 or 651-737-6501.
SECTION 15: Regulatory information

15.1. US Federal Regulations
Contact 3M for more information.

EPCRA 311/312 Hazard Classifications:

Physical Hazards
Not applicable

Health Hazards
Not applicable

15.2. State Regulations
Contact 3M for more information.

15.3. Chemical Inventories
The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information.

The components of this product are in compliance with the new substance notification requirements of CEPA.

The components of this material are in compliance with the China "Measures on Environmental Management of New Chemical Substance". Certain restrictions may apply. Contact the selling division for additional information.

The components of this material are in compliance with the provisions of the Korean Toxic Chemical Control Law. Certain restrictions may apply. Contact the selling division for additional information.

The components of this material are in compliance with the provisions of Japan Chemical Substance Control Law. Certain restrictions may apply. Contact the selling division for additional information.

The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information.

The components of this material are in compliance with the chemical notification requirements of TSCA.

Contact 3M for more information.

15.4. International Regulations
Contact 3M for more information.

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: Other information

NFPA Hazard Classification
Health: 0 Flammability: 0 Instability: 0 Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

HMIS Hazard Classification
Health: *0  Flammability: 0  Physical Hazard: 0  Personal Protection: X - See PPE section.

Hazardous Material Identification System (HMIS® IV) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS® IV ratings are to be used with a fully implemented HMIS® IV program. HMIS® is a registered mark of the American Coatings Association (ACA).

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